

October W.A.R. Reports

Week 1: 9/29/19 - 10/5/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
All	Client Meetings	2 hours	3 hours	- Met with Craig Baugh for first time as a team (9/30/19) - Met with Tony Flemming for first time as a team (10/4/19)	- Yes - Yes		Client meeting notes
Bradley	Administration	2 hours	3 hours	- Set up Team Google Drive - Set up GitLab Group and Repositories - Set up Issue Tracking Boards - Started GitLab Wiki & developer documentation - Set up W.A.R. Reports Spreadsheet - Record and upload detailed notes from the client meetings	- Yes - Yes - Yes - Ongoing - Yes - Yes	Developer documentation will always be ongoing	
Matt	Documentation	3 hours	3 hours	- Set up team Slack - Gathered pertinent info from requirements elicitation meetings - Stragized ways to complete KPIs - Created initial vision document draft	- Yes - Ongoing - Ongoing		
Justis	Documentation Administration	4 hours	4 hours	- Private meetings with Craig, Tony, and Bob for misc requirement gathering/clerification and vision clarifying - Write section 3 of Vision Doc and review doc - Set-up website on Riogrande - Plan meetings with clients - Take photos of meetings	- Yes - Yes - Yes - Yes - Yes		
Hung	Documentation	2 hours	1.5 Hours	- Create the first glossary draft	- Yes	Will need to add definition for KPIs along the way	
Ryan	Website	2 Hours	2.5 Hours	- Created HTML for website - Send files to Justis to upload to Riogrande	- Yes - Yes	Will need to redesign later, but functionally works.	

Week 2: 10/6/19 - 10/12/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
All		2 hours	2 hours	- Further define tool list (AWS tools?, Python?, DB Type, Server, JavaScript libs) - Decide on final architecture, write proposal (including funding/usage), and get that approved by clients	- Yes - No		
Bradley	Architecture	2 hours	2 hours	- Analyze data from reports to plan out ingestion and preprocessing - Define DB schema based on above - Explore .NET libraries for DB interaction, preprocessing, ML, visualization - Top 10 use case - Various administrative tasks (code repo, documentation, issue board)	- Ongoing - Ongoing - Ongoing - Yes - Yes		Software Tools Spreadsheet
Matt	Design			- Contributed to use-case document - Analyze the data gathered from sFTP server - Create a function to sort the APs by Channel Utilization - Stratagize ways to output the data to web format	- Yes - Ongoing - No - Yes		
Justis	Administration Documentation	4 hours	4 hours	- Share reports for KPIs we will work on this week - Plan/fascilitate weekly meeting - Plan any meeting with client, if required - Communicate with Craig, Tony, and Bob about framework - Allow team to shadow me using Cisco Prime - Do Login use case - Upload updated Riogrande files	- Yes - Yes - None required - Yes - No: Time conflicts - Yes - Yes		
Hung	Architecture Documentation	3 Hours	3 hours	- Learn more about MVC and .NET Framework. - Stratagize the structure of the website - Document an use case - Allocating the malfunctioned AP	- Ongoing - Ongoing - Yes	- Just got the reports format uploaded on Friday, will need more time to analyze the reports. - Need more time to learn about .NET framwoke	
Ryan	Documentation Website	3 Hours	2 Hours	- Learn about .NET Framework - Work on Riogrande Website and clarify with Dr. Bing - Learn about all the different KPI's - Help create use cases - Edit website to include Use Cases	- Ongoing - Ongoing - Ongoing - Yes - Yes	- Logout use case done - Still need to talk to Dr. Bing about all the requirements for Riogrande Website	

Week 3: 10/13/19 - 10/19/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Architecture Riogrande Research	3 hours	4 hours	- Address comments on Glossary v1.0 - Further define the software tools list, add packages to repo - Made the "Meet the Team" page on riogrande site - Research Cisco Prime API - Continue architecture proposal	- Yes - Ongoing - Yes - Ongoing - Ongoing		
Matt	Design	3 hours	3 hours	- Resolve Vision Document Comments - Finalize data gathering procedures - Write data injection functions - Research Cisco Prime API - Pushed "Meet the team" description & photo	- Yes - Ongoing - Yes - Yes - Yes		

Justis	Administration	3 hours	3 hours	<ul style="list-style-type: none"> - Schedule meeting with clients - Schedule meeting with team - Gather and distribute more reports from Prime - Advise Hung on industry terms for the glossary document - Work with Craig and the team to get the VM set-up on TCU hardware - Write a consolidated document describing all KPIs - Organize who will be presenting at IAB - Make PowerPoint with Ryan - Add PowerPoint to Riogrande - Copy description on Riogrande to main page 	<ul style="list-style-type: none"> - No: None were needed yet - Yes - Yes - Yes - In progress - Yes - Yes: Justis and Ryan - Yes - Yes - Yes 		
Hung	Misc	3 hours	3 hours	<ul style="list-style-type: none"> - Learn more about .NET Framework - Edit the Glossary to resolve Dr. Wei's comments (Added 3 new KPI's) - Upload my profile to Riogrande - Peer review on use cases for other teams - Review Vision Document 	<ul style="list-style-type: none"> - Yes - Yes - Yes: Edits made to repo - Yes - Yes 		
Ryan	Presentation and Documentation	2-3 Hours		<ul style="list-style-type: none"> - Upload photo and description to riogrande - Complete presentation by Monday with Justis - Read through all the KPI's and familiarize with them - Comment on vision doc, glossary, use cases 	<ul style="list-style-type: none"> - Yes - Yes - Yes - Ongoing 		

Week 4: 10/20/19 - 10/26/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Architecture Development	3 hours	3 hours	<ul style="list-style-type: none"> - Set up Visual Studio useful extensions - Add linting for .NET/C# formatting - Add base test case to set up CI - Add more packages/update infrastructure - Design System Architecture - Attend IAB meeting - Write documentation for SSHing into Riogrande and updating site - Review iteration plan - Clean-up Riogrande site, fix bug - Added the "Deliverables" page to Riogrande 	<ul style="list-style-type: none"> - Ongoing - Waiting (to save CI) - Waiting (to save CI) - Ongoing - Yes - Yes - Yes - Yes - Yes - Yes 		System Architecture
Matt	Development	5 hours	4 hours	<ul style="list-style-type: none"> - Complete Data Ingestion Functions - Edited prototyping document - Contributed to System Architecture Diagram with Bradley - Research and test Cisco Prime Infrastructure ReST API Calls - Attend IAB Meeting 	<ul style="list-style-type: none"> - Ongoing - Yes - Yes - Yes - Yes 	Lacking approval for ReST API	
Justis	Administration Presentation Documentation	5 hours	7 hours	<ul style="list-style-type: none"> - Present at IAB - Work with IT to set up VM - Negotiate with client about use of Prime API - Contribute to Prototype - Rehearse IAB - Add prototype to Riogrande - Send Vision Document to client and CC Dr. Wei by 10/22 	<ul style="list-style-type: none"> - Yes - Waiting on redtape - Yes, answer was basically no - Yes, work was about 50/50 between Ryan and me - Yes - Yes - Yes 		
Hung	Documentation	4 hours	4 Hours	<ul style="list-style-type: none"> - Attend IAB Meeting - Edit the Use case document - Review the slides for IAB Presentation - Write the iteration Plan - Write the initial draft for Software Development Plan 	<ul style="list-style-type: none"> - Yes - Yes - Yes - Yes - Yes 		
Ryan	Presentation and Documentation	4 hours	7 Hours	<ul style="list-style-type: none"> - Submit presentation - Present in class Wednesday - Present at the IAB Meeting - Edit Use case document - Get better picture for Website :) - Work on Prototype 	<ul style="list-style-type: none"> - Yes - Yes - Yes - Yes - Ongoing - Yes 		

Week 5: 10/27/19 - 11/2/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development System Admin	3 hours	2 hours	<ul style="list-style-type: none"> - Start development with Data Ingestion/Preprocessing - Write documentation on creating a model, view, controller, and router - Get VM specs to set-up development environment if not included - Continue DB schema - Edit Use Case 1 	<ul style="list-style-type: none"> - No - Yes - Waiting - Ongoing - Yes 		
Matt	Development & Documentation	4 hours	3 hours	<ul style="list-style-type: none"> - Get prototype approval and begin development - Update System Architecture - Finalize DB Schema - Connect to development environment, portscanned subnet - Edit use-case 1 	<ul style="list-style-type: none"> - Yes - Yes - Ongoing - No (seems to be a firewall and DNS issue) - Yes 		

Justis	Administration Documentation	4 hours	3 hours	<ul style="list-style-type: none"> - Work on SDP with Hung - Finalize prototype based on feedback - Present prototype to client - Hold team meeting 	<ul style="list-style-type: none"> - Yes - Yes - Postponed to next week - Yes 		
Hung	Documentation	3 hours	2 hours	<ul style="list-style-type: none"> - Edit and finish the Development Plan Document with Justis - Edit Use case document - After the prototype presentation, make comment and form future plans - Edit The Iteration Plan based on reviews from Dr. Wei 	<ul style="list-style-type: none"> - Yes - Yes - Yes - Yes 	<ul style="list-style-type: none"> - The use case document is finished. However, we still need to add on use cases about different KPIs after we finish setting up the development environment and decide what are the prioritized KPI that we can start working on. - For the future plan, we discussed, asked and got approved on using Javascripts and any library available on Nuget Package (Visual Studio) - For the iteration plan, we need to review as a team on Monday meeting next week 	
Ryan	Prototyping	2 Hours	2 Hours	<ul style="list-style-type: none"> - Meeting with Dr. Wei on Prototype - Finish making touches to prototype 	<ul style="list-style-type: none"> -Yes -Yes 		

November W.A.R. Reports

Week 6: 11/3/19 - 11/9/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development System Admin	3 hours	4 hours	<ul style="list-style-type: none"> - Install FontAwesome, echarts, other libraries - Help define database schema - Create a MySQL local database and produce a dump file for others to load in - Apply a team picked UI template to skeleton - Write the plan for iteration 1 (Weeks 1-4) - Fixed issue with local environments 	<ul style="list-style-type: none"> - Yes - Yes - Waiting - Waiting - Yes - Yes 	<ul style="list-style-type: none"> FontAwesome is installed echarts is installed 	Iteration Plan
Matt	System Admin	4 hours	4 hours	<ul style="list-style-type: none"> - Successfully connect to development environment - Set-up local MySQL database and collaborated with Bradley to finalize schema - Set-up mail access on server - Read in data from server mail directory 	<ul style="list-style-type: none"> - No, firewall issue persists - Yes - No - Ongoing 	Schema Diagram Link	
Justis	Administration, Documentation, Development	4 hours	4 hours	<ul style="list-style-type: none"> - Edit prototype to consolidate graphy view and dashboard view - Present prototype to client and get last thoughts on it and the Vision Doc - Add use cases that became apparent from prototype (specific use cases will be detailed in comments at end of week) - Create document with "prototype" of KPI table and graph views to present to client - Hold meeting with team 	<ul style="list-style-type: none"> - Yes - Yes - No, Ryan took this task - Postponed - Yes 		
Hung	Documentation Development	4 hours	3 Hours	<ul style="list-style-type: none"> - Edit the layout for the "Deliverables" on Riogrande - Finish Section 3 in SDP - Learn and understand the web application skeleton - Write the first draft for iteration 1 plan in details 	<ul style="list-style-type: none"> - Done - Done - Done - Done 		
Ryan	Documentation, Prototype	4-5 Hours	3 Hours	<ul style="list-style-type: none"> - Make 2 additional use cases based on Prototype design (User settings +Admin) - Edit Prototype for Client Meeting - Review Iteration Plan - Meet with Client 	<ul style="list-style-type: none"> - Done - Not Needed - Done - Justis did 		

Week 7: 11/10/19 - 11/16/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development System Admin	5 hours	12 hours	<ul style="list-style-type: none"> - Apply team picked UI template to skeleton - Set up local environment MySQL instance on docker instance - Write documentation for using migration scripts, running docker - Set up test suite, prepare for CI - Pass fake data to echarts, tablesorters for initial look and feel for client - Write classes and controllers for malfunctioning AP's - Help with dashboard template - Bug fix on Riogrande (change all deliverable targets back to "_blank") - Determine what is needed in libraries and clean repositories to speed up build - Install table sorter - Review Hung's merge request - Write script to gather properties (location, is_mesh, is_root) about the AP's and import into MySQL 	<ul style="list-style-type: none"> - Yes - Yes - Yes - Yes - Push to next week - Push to next week - In progress - Yes - Yes - Yes - Yes - In Progress 	<ul style="list-style-type: none"> - Template is just the TCU IT logo, home icon, and dark nav bar - See the Data Scripts repository on GitLab - In the Data Scripts repository wiki 	Setting up a local MySQL instance with Docker
Matt	Sys Admin & Development	8 hours	6 hours	<ul style="list-style-type: none"> - Set-up mail access on server - Installed and Set-up MySQL DB on VM - Develop model class struture for each KPI - Complete Radio Power Fluctuation KPI - Complete Radio Channel Fluctuation KPI - Write results to database 	<ul style="list-style-type: none"> - No (no access) - Yes - Ongoing - Ongoing - Ongoing - Yes (example data) 	Need to finalize way to receive input data	

Justis	Documentation Administration Development	5 hours	5 hours	<ul style="list-style-type: none"> - Create KPI prototypes - Hold team meeting to decide UI template - Research security framework within .NET - Make NetworkServices icon for website - Change icon and scaling on navbar 	<ul style="list-style-type: none"> - Yes: Only for Rogue APs - Yes - Yes - Yes - Yes 	We are only focusing on the Rogue APs KPI. The report generating module that sends reports is down on Prime and we are working with what reports we already have
Hung	Development	6 Hours	5 hours	<ul style="list-style-type: none"> - Meet with Ryan on Wednesday: Stilll discussing what bootstrap and template would work to build the dashboard. - Meet with Ryan on Friday: clone git through ssh, learn about table sorter & discuss what to do in the weekend. - Learn about merge request and issue board - Add the user dropdown manu to dashboard - Add footer to dashboard. 	<ul style="list-style-type: none"> - Yes - Yes - Yes - Yes - Yes 	<ul style="list-style-type: none"> - We will first create the table of data before we can swith those to graph - Ryan is basically working on the dashboard and set up the template; will work on the dashboard more next week
Ryan	Development Documentation	6 Hours	9 hours	<ul style="list-style-type: none"> - Setup Dashboard - Meeting with Hung on Friday - Add dropdown widget - Fix Admin/User use cases 	<ul style="list-style-type: none"> -Yes, but still in progress - Yes -Yes -Ongoing 	

Week 8: 11/17/19 - 11/23/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development System Admin	6 hours	7 hours	<ul style="list-style-type: none"> - Finish AP import script - Add models for all DB tables - Code Review for Ryan's branch - Work on some data visualizations - Pass arbitrary data to frontend for initial client look and feel - Import current DB into VM MySQL - Code Review for Hung's branches (2 reviews in total) - Add connection strings to web-app for DB - Start Rogue AP index template 	<ul style="list-style-type: none"> - Yes - Yes - Yes - In progress - Push to next - Yes - Yes - Yes - Yes 	- Data is not passed as of yet, but hardcoded. We need to figure out deployment to the VM prior to doing this	
Matt	Development	7 hours	7 hours	<ul style="list-style-type: none"> - Complete Rouge AP KPI - Updated schema with Bradley - Strategize ways to input real data - Strategize ways to purge and update DB to refresh data 	<ul style="list-style-type: none"> - Yes - Yes - Yes - Yes 		
Justis	Development Administration	6 hours	6 hours	<ul style="list-style-type: none"> - Create user data tables in DB - Create login page - Make login functional for default admin user - Peer review all merges for best security practices - Hold weekly meeting 	<ul style="list-style-type: none"> - In progress - Yes: Page made, functionality in progress - In progress - Yes: on-going - Yes 		
Hung	Development	6 hours	8 hours	<ul style="list-style-type: none"> - Edit and develop dashboard based on Ryan's setup - Create a page to view result of malfunctioned AP's - Brainstorm a layout to maximize the size of the dashboard - Switch button to change table into graph and vice versa. 	<ul style="list-style-type: none"> - Yes - Yes - Yes: on-going. - No 		
Ryan	Development	8 hours	9 hours	<ul style="list-style-type: none"> - Edit dashboard - Figure out how to use echarts - Start working on transition from tableview to graph view - meeting on Sunday? - Complete merge of my branch 	<ul style="list-style-type: none"> -Ongoing - Yes - Ongoing -Yes - Yes 		

Week 9: 11/24/19 - 11/30/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	6 hours	7 hours	<ul style="list-style-type: none"> - Finish Rogue AP index page - Rework current tables to no longer have hardcoded data - Further refine MVC models - Adjust schema as needed when more data imports/strategies are defined 	<ul style="list-style-type: none"> - Yes - Push till after demo - Yes - Yes 		
Matt	Sys. Admin	4 Hours		<ul style="list-style-type: none"> - Set up role permissions on MySQL server - Connect Rouge AP KPI with DB - Work on iteration 1 presentation 			
Justis	Development	8 hours	7 hours	<ul style="list-style-type: none"> - Finish DB table for user data - Finish functionality for login - Continue to peer review - Hold weekly meeting 	<ul style="list-style-type: none"> - Yes - No* - Yes: On-going - Yes 	*Task was too vague. Too many tasks involved possible to finish in one iteration, especially with this iteration overlapping with a holiday and busy time for other classes. Forum input and database functionality are priority at this point, sessions will be a later iteration.	
Hung	Development	6 hours	7 Hour	<ul style="list-style-type: none"> - Create the User Setting Page(Change pasword) - Peer Review Branch - Iteration1 Presentation 	<ul style="list-style-type: none"> - Yes - Yes - No* 	* Monday meeting, will discuss in details about iteration 1 presentation	
Ryan	Development	8 Hours	6 hours	<ul style="list-style-type: none"> - Edit Dashboard and make multiple cards per row with functionality - Peer Review branches - Implement Graphs 	<ul style="list-style-type: none"> -Yes -No - Yes 		

December W.A.R. Reports

Week 10: 12/1/19 - 12/7/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	5 hours	9 hours	<ul style="list-style-type: none"> - Refactor code to no longer have hardcoded data (Rogue AP pages) - Code Reviews - DB adjustments for new KPI's - Setup next KPI Index Page - Help with presentation - Redesign Login page - Fix bug with user settings page - Testing for Demo - Group all issues in GitLab to iteration 1 milestone - Update system architecture link on Riogrande 	<ul style="list-style-type: none"> - Yes - Yes - Ongoing - Yes - Yes - Yes - Yes - Yes - Yes - Yes 		
Matt	Development & Ac	5 hours	5 hours	<ul style="list-style-type: none"> - Update MySQL schema - Create specialized accounts on DB with appropriate permissions - Programmatically connect to DB 	<ul style="list-style-type: none"> - Yes -R 		
Justis	Development Administration Testing	6 hours	7 hours	<ul style="list-style-type: none"> - Finish forum functionality for login feature - Continue to peer review - Hold weekly meeting - Aid in coordinating and executing testing of current iteration - Present on Friday 	<ul style="list-style-type: none"> - Yes - Yes - Yes - Yes - Yes 		
Hung	Development	5 hours		<ul style="list-style-type: none"> - Finish User Creation Page - Merge User Change Password Page - Code Review - Aid Testing & Preparing for presentation 	<ul style="list-style-type: none"> - No - Yes - Yes - Yes 	- Need to work and understand how session works with log in page before moving forward.	
Ryan	Development	6 hours		<ul style="list-style-type: none"> - Make Dashboard not just Rogue AP - Implement DB into Dashboard - Presentation Friday - Rehearsal Presentation Mon/Wed 			

Week 11: 12/8/19 - 12/14/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	3 hours	1 hour	<ul style="list-style-type: none"> - Plan out next KPI - Code reviews - Data changes - Start unit tests - Add server side pagination to Rogue AP to make it more scalable 	<ul style="list-style-type: none"> - Started - Not necessary - Not necessary - Researched - Ongoing 		
Matt	Admin						
Justis	Development Administration	4 hours	2 hours	<ul style="list-style-type: none"> - Hold weekly meeting - Plan iteration for winter break - Make "change password" page functional - Test login system with multiple users 	<ul style="list-style-type: none"> - No - In progress - In progress - In progress 		
Hung							
Ryan							

Week 12: 12/15/19 - 12/21/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development Administration	2 hours	1 hour	<ul style="list-style-type: none"> - Plan out next iteration - Finals - Add unit test for Rogue AP controller 	<ul style="list-style-type: none"> - In progress - Yes - No 		
Matt	Admin	2 hours	1 hour	<ul style="list-style-type: none"> - Review Code - Plan for next iteration 	<ul style="list-style-type: none"> - Yes -R 		
Justis	Development Administration	2 hours	1 hour	<ul style="list-style-type: none"> - Hold meeting before break to plan iteration tasks - Make "change password" page functional - Test login system with multiple users 	<ul style="list-style-type: none"> - Yes - In progress - In progress 		
Hung							
Ryan							

Week 13: 12/22/19 - 12/28/19

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	1 hour		- Research ORM server side pagination	- Yes		
Matt							
Justis		0 hour		- Busy with family			
Hung							
Ryan							

Week 14: 12/29/19 - 1/4/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	0 hours		- On vacation with no computer	- Yes		
Matt							

Justis		0 hours		- Busy with family			
Hung							
Ryan							

January W.A.R. Reports

Week 15: 1/5/20 - 1/11/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	2 hours	3 hours	- Simple (Client-Side) pagination for Rogue AP - Make global constants file for project - Make weekday trendline dynamic for Rogue AP - Create a global random color generator (JS) to fill dynamic charts	- Yes - Yes - Yes - Yes		
Matt	Development	8 hours	7 hours	- Completed & tested data injection script to fill rogue_ap table	- Yes		
Justis	Development	1 hour	1 hour	- Research best practices for user systems and security	- Yes		
Hung	Git & Development	2 hours	2 hours	- Fix my gitlab, learn more about git, and find the way to ssh clone git - Add error warning to log in page	- Yes - Yes		
Ryan	Development	2 Hours	3 Hours	- Add jquery to replace some js - fiddled with css on dashboard page to make it look better - Get dashboard connected to DB	- Yes - Yes - Ongoing		

Week 16: 1/12/20 - 1/18/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development Administration	2 hours	5 hours	- Refactor code to use services and interface for dependency injection to keep controllers thin - Isolate table and metrics on Rogue AP for specified timeframes, and make data dynamic for those ranges - Start next KPI page	- Yes - In progress - Push		
Matt	Development	2 hours	2 hours	- Added Duplicate Prevention to data Script - Strategized ways to implement failed_client_authentication KPI	- Yes -R		
Justis	Development Administration	2 hours	3 hours	- Poll for best meeting time to resume weekly meetings by next week - Update SDP - Pull coverage hole report from Prime to see what can be done with the new report - Start code review process with TCU Client & Server group	- Yes - Yes - Yes - Yes		
Hung	Development	3 hours	3 hours	- Develop the frontend for user management page - Update SDP	- Yes - Yes		
Ryan	Development	3 Hours		- Get Dashboard connected to DB - Make dashboard cleaner - Update SDP			

Week 17: 1/19/20 - 1/25/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	3 hours	3 hours	- Isolate Rogue AP metrics to a timeframe - Server-side pagination RogueAP - Code Reviews	- Yes - Yes* - Yes	* Code is written, haven't tested the Ajax calls or latency	
Matt	Development	4 hours	6 hours	- Built Script for coverage holes KPI - Built Script for client count KPI - Updated SQL schema - Made Model for new tables	- Yes -R		
Justis	Development	4 hours	6 hours	- Move controller code into service - Finish sessions	- Yes - No		
Hung	Development	4 hours	5 hours	- Write model clientcount.cs - Update understandings about the back end - Front end infor page for client Count	- YES - Yes - No*	- I spent more time to understand the backend and I am writing the service for clientcount. - May delay to Wednesday to finish this. - Need some help!	
Ryan	Development	6 Hours	6 Hours	- Work on Coverage Hole KPI page - LIMIT 10 on rogue AP dashboard - Move js, cs and clean up some code	- Ongoing	- Having a hard time figuring out the LIMIT 10	

Week 18: 1/26/20 - 2/1/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	3 hours	8 hours	- Rogue AP server-side pagination fully functional (searching, sorting, paging) - POST method for ignoring Rogue AP entries - Ability to adjust timeframe for Rogue AP's table	- Yes - Yes - Yes		
Matt	Development & Sys Admin	8 hours	8 hours	- Built Script for wireless utilization KPI - Built Script for ap utilization KPI - Updated SQL schema - Installed and set up OpenSSH on VM for SFTP - Updated VM firewall rules to allow SFTP	- Yes -R		

Justis	Development	6 hours	8 hours	- Finish sessions	- Yes		
Hung	Development	4 hours	7 Hours	- Create Context for Client Count - Startup for Client Count, Interface for ClientCount - Change related parts for Client Count: Access Point model - Met with Ryan to discuss about KPI page structure	- Yes - Yes - Yes - Yes	- Some relationships between Client Count (CC) & Access Point - Write service file for Client Count	
Ryan	Development	7 Hours		- Finish Coverage Hole KPI Page - Figure out LIMIT 10 or get help with it - Work on next KPI tbd			

February W.A.R. Reports

Week 19: 2/2/20 - 2/8/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	2 hours	2 hours	- Set up template for another KPI - Answer questions about last week's work - Code reviews - Add documentation for setting up local environments - Reroute root of project to home to better work with sessions	- Push - Yes - Yes - Yes - Yes	In Houston 2/5 - 2/7 (Wednesday - Friday)	
Matt	Development	8 hours	8 hours	-Built Script for power_channel KPI -Updated SQL schema -Working on Anomaly Detection Algorithm -Beginning Deployment to VM	-Yes -R		
Justis	Development	5 hours	8 hours	- Fix AllowAnonymous error in pipeline to LoginService - Add functionality to Add User page - Add functionality to Change Password page	- YES - No* - In progress	*Add User page was not merged yet	
Hung	Development	4 hours	6 hours	- Change Client Count Controller - Change Client Count Service - ClientCount.js	- Yes - Yes - Yes	- Broken laptop slowed down my process	
Ryan	Development	5 Hours	6hours	- Work on coverage hole page	-Ongoing		

Week 20: 2/9/20 - 2/15/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	7 hours	12 hours	- Finish Channel Utilization KPI - Code reviews - Unit testing for Rogue AP Controller - Fix Rogue AP bug - Help others	- Yes - Yes - Yes - Yes - Yes		
Matt	Development & Deployment	10 hours	12 hours	- Completed Import Scripts - Deployed Import Scripts to VM - Developed Batch Script to run import scripts - Created task to run Batch Script - Updated Schema - Developed MySQL Event to Purge Old Data - Working on LOF Anomaly Detection Algo.	- Yes -R	Installed Dotnet Core 3.1.101 SDK on VM	
Justis	Development Administration	10 hours	10 hours	- Add functionality to Add User on User Management page - Add functionality to Change Password page - Add functionality to logout and session expiration - Update SDP	- Yes -R		
Hung	Development	8 hours	12 Hours	- Work with Brad to get Client Count work - Code Review with Bradley - Finalize Client Count KPI	- YES - Yes - Yes	- Client Count KPI Table Finished - Need to add the KPI to main dashboard - Add Ignore Feature to the KPI	
Ryan	Development	10	13	-Work on Coverage Hole Page - Help Hung with his page	- YES - YES		

Week 21: 2/16/20 - 2/22/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development System Administration	5 hours	8 hours	- Refine Channel Utilization KPI - Unit tests for channel utilization KPI - Update developer documentation - Have project auto-generate XML documentation on build	- Yes - Yes - Yes - Yes		
Matt	Development & Deployment	12 hours	12 hours	- Developed & Deployed Local Outlier Factor Anomaly Detection Script - Developed KNN-based problem probability function to continue to learn from us - Updated Rio-grande 'Meet the Team' page with bootstrap carousel - Refactored and fully documented all import scripts and consolidated in repo - Updated & Added ignored tables to schema per client request	- Yes -R		
Justis	Development Administration Deployment	10 hours		- Meet with client and Dr. Wei - Add functionality to Delete buttons in User Management page - Add error/success messages to various user system pages - Start unit testing user system	- Yes -R		

Hung	Development Deployment	8 hours	8 hours	- Meet with CLient for process review - Add Ignore Feature to Client Count KPI - Meet with Matt to discuss about the Ignore Function for Client Count - Add Ignored Client Count model, accesspoint	- Yes - Yes * - Yes - Yes	* Client asked for the ingored feature to ignore every AP with the same ID * need to meet with Bradley to figure out how to insert new ingored tuples to the ignored table	
Ryan	Development	7 Hours	5 hours	- Client meeting - either work on dashboard or new KPI tbd - Tests for Coverage Hole	-Yes		

Week 22: 2/23/20 - 2/29/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	4 hours	2 hours	- Implement existing services on Dashboard - Code reviews	- In Progress - Yes	- Out on Friday	
Matt	Development	4 hours	4 hours	- Created Model, View, Controller for Anomaly Detection Page	- Yes		
Justis	Development	4 hours	4 hours	- Debug user system/unit tests	- In Progress		
Hung	Development	6 hours		- Finish Client Count basic sort, search - Set up for client count ignore	- Yes - Yes		
Ryan	Development	5 hours		- Clean up ignore feature - Add 2nd table for ignore - Start next task (new kpi?)			

March W.A.R. Reports

Week 23: 3/1/20 - 3/7/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development Admin	4 hours	18 hours	- Add functionality for all tables on the dashboard - Helped people debug - Testing peoples changes	- Yes - Yes - Yes	- Out on Monday	
Matt	Development	5 hours	5 hours	- Anomaly Detection Feature			
Justis	Testing	5 hours	4 hours	- Finish debugging user system - Write unit tests for the testing suite	- In Progress		
Hung	Development	5 hours		- Complete Ignore feature for client Count			
Ryan	Development	4 hours	4 hours	- Finsih Coverage Hole	-Yes		

Week 24: 3/8/20 - 3/14/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	5 hours	7 hours	- Rogue AP graph on dashboard - Channel Utilization graph on dashboard - Dashboard refinements	- Yes - Yes - Yes		
Matt	Development	5 hours	5 hours	- Anomaly Detection Feature			
Justis	Testing	5 hours	3 hours	- Unit testing	- Yes		
Hung	Development	4 hours	4 hours	- Channel Flux	- Yes		
Ryan	Development	4 Hours	5 Hours	- Implement ignore feature on GovHole (changed to needed table) - Fix layout/kpi entity thing in KPI context - Start AP Util KPI	-Ongoing -Yes		

Week 25: 3/15/20 - 3/21/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development	10 hours	15 hours	- Client count graph on dashboard - Edit graphs to make current day more visible - Various improvements to dashboard and KPI pages (mainly graphs) - Add graphs and tiles to client count KPI page - Coverage hole graphs to dashboard - Coverage hole graphs to KPI page - Code Reviews - SRS Poster - Add Anomaly Detection table and graphs to dashboard	- Yes - Yes - Yes - Yes - Yes - Waiting - Waiting - Yes - 95% - Yes	SRS Poster is just waiting on development to finish for screenshots	
Matt	Development	15 hours	15 hours	- Finish Anomaly Detection Feature	- Yes		
Justis	Testing Documentation Administration	5 hours	4 hours	- Testing user system - Assist where needed in other features - Write initial SRS - Hold 3 meetings with team	- Yes - Yes - Yes - Yes*	*Missed one due to it being rescheduled without me noticing	
Hung	Development	7 hours	7 hours	- Power/Channel Fluctuation KPI Page set up - Update database - Client Count unit testing			

Ryan	Development	9Hours	10 Hours	- Finish AP Util KPI - Coverage Hole and AP Util Ignore specific tables - Sorting for AP Util fix - Search for AP Util - Create AP Util Ignore Table/Display	-Yes -Ongoing -Yes -Yes -Yes		
------	-------------	--------	----------	--	--	--	--

Week 26: 3/22/20 - 3/28/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development Documentation Administration	8 hours	28 hours	- Integrate all remaining pieces into the dashboard (tables) - Power/Channel fluctuation graphs (KPI page and dashboard) - Coverage Holes graphs (KPI page and dashboard) - AP Utilization graphs (KPI page and dashboard) - Rework AP Utilization, Channel Utilization, and Client Count to be aggregated by the timeframe (averages and maxes for each AP) - Testing - Review SRS - Code Reviews and cleaning up Master - Add auto-versioning to all CSS/JS files to avoid cache/hard reloading after new build	- Yes - Yes - Yes - Yes - Yes - Yes - Yes - Yes - Yes		
Matt	Documentation &	6 hours		- Help with Documentation & Verify Code			
Justis	Testing Documentation Administration	7 hours	6 hours	- Hold meetings with team - Testing/code reviews/merging - Revise SRS - Revise some use cases - Help with Developer's Manual - Dump the database in the VM when password is fixed - Interface with IT to start deployment - Somehow get the product in the hands of Craig	- Yes - Yes - Yes - No* - In progress - No** - In progress - In progress	*No use cases pointed as as having issues **No access to VM yet	
Hung	Development	10 Hours	10 hours	- Ignore Client Count - Graph for Power/Channel Fluctuation - Controller testing for Client Count & Power/Channel Flux			
Ryan	Development	8 Hours	20 Hours	- Finish Ignore Coverage and AP Util tables - Fix anything for merge requests - SRS Section 6 - Clean up code - Start Unit Testing - Add coveragehole -OUT merge	- Almost done - Yes - Ongoing - Yes - Started - Yes		

Week 27: 3/29/20 - 4/4/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Development Documentation	4 hours	5 hours	- Update/Add Unit tests - Go through code and make sure all documentation is correct - Clean up formatting on Master, refactor certain JavaScript code into functions - Bug Fixes - Code reviews, helping with unit testing, merges	- Yes - Yes - Yes - Yes - Yes		
Matt	Development	4 hours		- Fix Bugs and Start unit-testing			
Justis	Deployment Testing	5 hours	3 hours	- Continue emailing IT to get things deployed - Write unit tests - Dump database in VM when access is granted - Get the product in Craig's hands	- In progress -R	Waiting on Prime to be fixed. Offered help to Craig to get it up	
Hung	Documentation	3 hours		- SRS Section 5 - Start unit testing			
Ryan	Documentation + Testing	11 Hours		- Section 6 (Today) - Finish Ignore Table - Testing for Cov Hole/Ap Util -			

April W.A.R. Reports

Week 28: 4/5/20 - 4/11/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
-------------	------------	---------	--------	-------------	------------	----------	----------------

Bradley	Development Administration	6 hours	15 hours	<ul style="list-style-type: none"> - Complete Developer manual - Check unit tests - Finish SRS Poster - Unified formatting, editing, and additions to the SRS document (also added use cases) - Update, format, and edit glossary - Start transferring complete deliverables out of google drive to offline on riogrande - Update, format, and edit Vision document - Update, format, and edit Software development plan - Update, format, complete Iteration Plan (transferred over the full W.A.R.) - Update, format, and edit Use Cases document 	<ul style="list-style-type: none"> - Yes - Waiting - Yes - Yes - Yes - Yes - Yes - Yes - Yes 		
Matt	Development	5 hours	5 hours	<ul style="list-style-type: none"> - Logging - Deployment - Intraday Import Scripts 	<ul style="list-style-type: none"> -Yes 		
Justis	Testing Deployment	4 hours	3 hours	<ul style="list-style-type: none"> - Unit testing - Deployment 	<ul style="list-style-type: none"> - In progress - In progress 	Deployment is still at a stand-still due to technical difficulties on IT's end	
Hung	Development Documentation	4 Hours		<ul style="list-style-type: none"> - Unit testing - SRS Section 5 			
Ryan	Development Documentation	7 Hours	7 Hours	<ul style="list-style-type: none"> - Unit Testing progress - Ignored Aputil/Cov Hole done 	<ul style="list-style-type: none"> -Ongoing -Yes 		

Week 29: 4/12/20 - 4/18/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Administration Documentation Presentation	4 hours	5 hours	<ul style="list-style-type: none"> - Final presentation - Review project work - Code reviews - Formatted, spellchecked Test Cases document 	<ul style="list-style-type: none"> - Yes - Yes - Yes - Yes 	Everything in final presentation is done except for the demo	
Matt	Development	4 hours	4 hours	<ul style="list-style-type: none"> - Logging - Deployment - Intraday Import Scripts 	<ul style="list-style-type: none"> - Yes - Yes - Yes 		
Justis	Testing Documentation Deployment	4 hours	5 hours	<ul style="list-style-type: none"> - Deployment - Assist Craig in fixing Prime - Set up SFTP reporting 	<ul style="list-style-type: none"> - In-progress - Yes - Yes 		
Hung	Documentation	3 hours	3 hours	<ul style="list-style-type: none"> - Test cases 	<ul style="list-style-type: none"> - YES 		
Ryan	Development Testing Documentation	12 Hours	10 hours	<ul style="list-style-type: none"> - User Manual - Merge Req Ignore tables - Toggle to show ignore table - Finish testing 	<ul style="list-style-type: none"> - 2/3 Done - Yes - Yes - Ongoing 		

Week 30: 4/19/20 - 4/25/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Presentation	3 hours	6 hours	<ul style="list-style-type: none"> - Review unit tests - Clean codebase - Finished the final presentation - Recorded all demos for the final presentation - Review documentation 	<ul style="list-style-type: none"> - Yes - Yes - Yes - Yes - Yes 		
Matt	Deployment	12 hours		<ul style="list-style-type: none"> - Logging - Deployment - Intraday Import Scripts 	<ul style="list-style-type: none"> -Yes -R 		
Justis	Deployment	4 hours	3 hours	<ul style="list-style-type: none"> - Deployment - Presentation preparation 	<ul style="list-style-type: none"> - In-progress - In-Progress 		
Hung	Documentation	3 hours	3 hours	<ul style="list-style-type: none"> - Finish Testing cases document - Prepare for presentation 	<ul style="list-style-type: none"> - YES - YES 		
Ryan	Testing Documentation	12 hours		<ul style="list-style-type: none"> - Finish Unit Testing Cov. Hole + Ap Util - Finish User Manual - Script for Presentation 	<ul style="list-style-type: none"> - -Yes - 		

Week 31: 4/26/20 - 4/30/20

Team Member	Categories	Planned	Actual	Description	Completed?	Comments	Relevant Files
Bradley	Administration	2 hours		<ul style="list-style-type: none"> - Adjustments to final presentation - Finalize documentation - Final presentation 	<ul style="list-style-type: none"> - Yes - Yes - Yes 		
Matt	Administration	2 hours		<ul style="list-style-type: none"> - Finalize Repos - Final presentation 	<ul style="list-style-type: none"> - Yes - Yes 		
Justis	Deployment	3 hours		<ul style="list-style-type: none"> - Project presentation - Finalize deployment files for Crenshaw 	<ul style="list-style-type: none"> - Yes - Yes 		
Hung	Documentation	2 hours		<ul style="list-style-type: none"> - Project presentation 	<ul style="list-style-type: none"> - Yes 		
Ryan	Documentation	3 hours		<ul style="list-style-type: none"> - Project Presentation - Clean up SRS - Practice runs 	<ul style="list-style-type: none"> - Yes - Yes - Yes 		