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Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All	Meeting	Discussing roles and plans for the weekend	Weekly team meeting	0.5	0.5	Done	
Amanuel, Kendric, Asa, Aparajita	Use case	Brainstorming		2	2	In progress	
		Working on the use case section of the vision doc		2	2	In progress	
Alex	Glossary	Initial declaration of terms	Beginning of glossary creation	1	2	In progress	
Amanuel	Figma Prototype	A mobile app UI mock		2		In progress	
Kendric	Use Cases	Create Initial Use Cases	Defined UC's 1, 2, 3.	1	2	Done	

Oct 11 - Oct 18, 2021

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Amanuel	Figma Prototype	A mobile app UI mock	Designing Front End UI with survey and UI for meteorite data	3	5	Done	
Kendric	Use Cases	Add to Use Case Doc and revise over Vision Doc and make changes as needed.	Modify current Use Cases and set priorities. Add User Language Preference Case.	2	2.5	Done	
Alex	Glossary Updates	Glossary update	Add database-specific terminology to the glossary to clarify meteorite terms	1		In progress	Meteorite terminology isn't super well-defined, so it's a doozy to learn so far
Asa	Document	Requirements Interview	Fill out what we know regarding the project and submit questions to ask if we do not know.	1.5	0.5	In progress	
All Members	Team Meeting	Team Meeting	Met to discuss requirements, prototyping, and more meeting opportunities.	2	2	Done	
Aparajita	Vision Document	Vision Document	Work on the vision document	2	1	In progress	

Oct 18 - Oct 25, 2021

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All	Meeting	Team Meeting	Discuss First Plan/Architecture, Question Document.	1	1	Done	
All	Meeting	Team Meeting	FE/BE, Student Services	2	2	Done	
Asa	Documentation	Jira	Update Jira Sprints, Create upcoming sprint	1	1	Done	
Amanuel	Documentation	Iteration Plan	An iteration plan to develop the MVP	2	2	In progress	

Oct 25 - Nov 1, 2021								
Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments	Link to work
All	Meeting	Student Services	Discuss Visual Impaired Students needs and ease of accessibility features with TCU Student Services.	1.5	1	Done		
All	Meeting	Team Meeting	Student Services, Meeting with Dr. Mayne, Prototype Demo, Environment Setup	2	2	Done		
All	Documentation	Jira	Update Jira Sprints, Create 1st Iteration	0.5	0	In progress		
Amanuel	Documentation	Architecture	Container level architecture. Component level will be d	1	1	Done		https://docs.google.com/drawings/d/1UawN12fr6kSKP3iKuos0Bypkru4_w5PBmTSiXRITek/edit
Kendric	Set up	Server Set up	Set up Google Cloud Platform	1	1	Done	Server is set up currently awaiting quota acceptance on VM though.	

Nov 1- Nov 8, 2021

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All	Meeting	Team Meeting	Discussed new backend/database, meeting daily, and meeting with Dr.Mayne	1.5	1.5	Done	
Asa, Kendric, Amanuel	Meeting	Client Meeting	Reviewed Prototype, asked for database and map of gallery, also mentioned meeting more often.	1	0.75	Done	Still waiting for map and protoype
All	Meeting	Documentation	Updating Use Case Document, Jira, Release Plan, First Iteration Plan, and finalizing technology discussion	2	4.5	In Progress	Use Cases need to be more defined and color coded in 1st Iteration Plan
Kendric	Set Up	Cloud Setup	Continued setting up.	0.5	0.4	Done	Might not be needed but set up anyway.
Kendric	Development	Code	Worked on Jira task ms-18 .	2	3.5	Done	Almost done. Need to add font and hardcode background instead of fetching from url's.
Alex	Documentation	Glossary	Researched meteorite categorization to update glossary	1	0.75	In Progress	Needed database access to refine the glossary
Asa	Backend/Database	Firebase	Creating project and reading documentation of implementation	1	2.5	Done	
Asa	Database	JSON Formatting	Taking CSV file and importing it to Excel then using a JSON formatter to parse the data into JSON.	1	4.5	Done	
Aparajita		Andriod Studio Setup		1	1	Done	

Nov 8 - Nov 15, 2021

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
All	Meeting	Team Meeting					
Kendric	Development	Code	Solved local branch push issue	1.5	2	Done	Got with Amanual and solved local branch push issue. The issue was not having admin priv on Github.
			Reviewed Amanuel's PR and fixed Typescript errors from lang-pref-and-met-catalog-ui branch.	0.5	0.5	Done	lang-pref-and-met-catalog branch I pushed had some errors in the .TSX files that were not showing up in IntelliJ. Upon switching to VSCode, the errors showed up and were fixed accordingly.
Asa	Database	Firebase Query	Trying to understand how to query the Realtime Database and then query it using REST API.	1	3	In-Progress	Still really confused on how Firebase works with querying, and not sure if we have stuff in the right format.
Asa	Development	Studio/Emulator	Troubleshoot React Native and Android Studio on Linux Mint and had to reinstall all dependencies for emulator to run.	1.5	1.5	Done	Swapped OS on laptop so had to redo all dependencies needed for React.
Amanuel	Development	Frontend setup	Working on layouts of different screens including Settings and Survey pages	2	3	Done	Trying my best to get a good layout using flexbox
Amanuel	Development	Testing	Researching on a good frontend testing methodology	2	2	In-Progress	
Alex	Development	Code	Worked on Jira task ms-21	2	4	In Progress	, so it took much longer than I hoped to get to where I am. Need to fix it up now that my AVD is working

Nov 15 - Nov 22, 2021

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Kendric	Development	Code	Worked on our Setting.tsx screen and its UI components	2.5	3	Done	This task was completed however having issues with the two sliders on the screen.
Kendric	Development	Code	Started Language Preference screen functionality	2	1	In Progress	Might need assistance in this. Will continue to work independently for now though.
Amanuel	Development	Code	Query Firestore and access meteorite data	2	2	Done	I had to decide to use Firestore instead of Firebase real time database
Amanuel	Development	Code	Complete Survey UI	2	2	Done	
Amanuel	Development	Code	Apply acuity and colorblindness screen survey effects	2	2	In Progress	Changing font size is tricky and I'm not sure if dark/light mode only can address visual impairment issues
Alex	Development	Code	Worked on Display.tsx, setting up environment on mac instead of windows device	2	2		
Asa	Development	Code	Worked on CatalogScreen.tsx	3	6	In-Progress	Learned mostly about components and how the app actually builds.
Aparajita	Development		Looked up querying data	2	1	In-Progress	

Nov 22 - Nov 29, 2021

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Kendric	Development	Code	Worked on Changing Language functionality.	3	8	In-Progress	Worked on this task for many hours. Was getting an error with The logic for implementing this feature will most likely need to be pushed into our winter Iteration. The error that was being thrown was a rendered fewer hooks than expected error when a function call 'changeLanguage' was called in the prop onPress.
Kendric, Asa, Amanuel	Development	Debugging	Debugged Kendric's Language Preference Logic issue	1	1.5	Done	Group members got together via Zoom and worked to resolve the "Fewer hooks than expected error". We might have to consider using a difference plugin/library instead of i18n for multilanguage support in our app.
All	Meeting	Make PowerPoint Slides and Rehearse	Created slides for Tuesday's Presentation and practiced presenting	1	2	Done	Created slides for Tuesday's Presentation and ran through practice runs with Dr. Wei
Asa	Development	Code	Worked on Catalog Screen, fetching database using TypeScript, and implementing card views.	6	14	In-Progress	Still have to work on implementing images to cards but will work on that next iteration.
Aparajita	Development		Worked on the powerpoint presentation	3	4	In-Progress	
Alex	Development		Worked on the powerpoint presentation	1	1	Done	Reworded and streamlined several slides to cut down on duplicate info

Jan 10 - Nov 17, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Kendric	Development	Code	Language Logic translation functionality.	4	8	Done	<p>Completely redesigned and implemented logic for translating. Sends a GET fetch request to Google Translate and Google returns back a JSON as a translated response.</p> <p>Feature was redesigned as previous implementation using i18n library was storing static data as JSON's and wouldn't be ideal approach for storing meteorites data as translations in 3 different languages.</p>
Amanuel	Development	Code	Bluetooth beacon detection from RN	3	5	In progress	<p>I couldn't find a good flawless third party library. The libraries I am looking in to are either old since their last update or don't have the features I need, such as range detection. I'm going to spend more time on it this week.</p>
Asa	Development	code	Team website			Done	
Asa	Development	code	Meteorite picture bug fix			Done	
Alex	Development	code	Details screen	4	8	Done	Dynamic data flow with catalog screen is still remaining
Aparajita	Development		Learning how to add meteorite descriptions and Meeting minutes	3	2	In progress	

Jan 10 - Nov 17, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Kendric, Amanuel	Development	Code	Language selection and changing effect setup	4	8	In progress	We are having a bug with using the Context API. Starting implementing Settings Screen logic for storing user preferences
Amanuel	Development	Code	Bluetooth beacon detection from RN	3	5	In progress	I couldn't find a good flawless third party library. The libraries I am looking in to are either old since their last update or don't have the features I need, such as range detection. I'm going to spend more time on it this week.
Alex	Development	code	Text To Speech	4	5	In Progress	Working on integrating TTS into details screen for meteorite descriptions to then be expanded as needed to other screens
Aparajita	Development		Learning how to add meteorite descriptions and Meeting minutes	3	2	In progress	

Jan 10 - Nov 17, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Kendric, Amanuel	Development	Code	Language selection and changing effect setup	4	8	Done	Major context api implementation for language state is implemented
Alex	Development	code	Text To Speech	3	6	In Progress	Android emulator has stopped producing any sound to my computer, which makes troubleshooting difficult until I fix that
Aparajita	Documentation		Vision Document	2	1	In progress	
Amanuel, Aparaji	Development	code	Tour assistance screen	2	2	In progress	
Asa	Development	code	Catalog screen filter and search				

Jan 31 - Feb 6, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Alex	Development	Code	Getting TTS to use the preset Android voice	2	3	In Progress	I've fiddled around some with the other TTS library, but I think I'm making progress
Aparajita Biswas	Documentation		Vision Document	1	0.5	In Progress	

Feb 7 - Feb 13, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Aparajita Biswas	Documentation	Meeting Minutes	Updated the meeting minutes	2	2	Completed	
Aparajita Biswas	Learning and Coding	LearningReact Native	Watch a crash course video on YouTube	2.5	4	Completed	
Amanuel	Coding	Tour Assitance Screen	Basic alternating meteoerite list	2	2	Completed	
Kendric	Coding	Accomodation setting effects		2	2	In progress	
Alex	Coding	Setting UI, Details UI		2	2	In progress	Everything should be set, just gotta push it all

Feb 14 - Feb 20, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Aparajita Biswas	Workshop	Poster Workshop	Attended the SRS Poster Workshop	1	1.5	Completed	
Aparajita Biswas	Documentation	Meeting Minutes	Updated the meeting minutes	0.5	0.5	Completed	
Aparajita Biswas	Rio Grande Website	Documentation Link	Add the documentation Link	0.5	0.5	Completed	
Kendric D'Spain	Coding	Setting Effects	Continued working on Setting Effects implementation. Specifically, dynamic font size changing	2	2	In Progress	
Amanuel Taddesse	Resource	Ordering tablets	Samsung Tab A8s are now purchased with the help of Dr. Mayne	1	1	Completed	
Amanuel Taddesse	Coding	BLE beacons detection	Ranging ble beacons from app. I still have to figure out gradle dependency issues	2	5	Completed	
Amanuel Taddesse	Coding	QR code scanner	Adding a QR code scanner feature in the tour assistance screen	1	2	In Progress	
Kendric D'Spain	Coding	Application Documentation with TypeDoc Library	TypeDoc Library for MMG App	1	1	In Progress	
Alex Matthews	Coding	Setting UI	Fixing the setting screen so the components don't jump around on language change	1	1	Completed	
Alex Matthews	Coding	Text to Speech	Getting the text to speech engine running, working on making the voice sound more pleasant.	3	2.5	In Progress	
Asa Tuten	Research	Search Framework	Set up Algoia and read Documentation to set up Algoia in our project	1	1	In Progress	
Asa Tuten	Data	Gallery Access	Tried to access gallery, had to troubleshoot swipe access problems. Finally was able to swipe in and can now compile data when we have time.	1.5	0.5	Completed	

Feb 14 - Feb 20, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Everyone	Gallery data collection	Organizing the gallery text and descriptions in a database		2		Data collection is done but digitizing is still in progress	
Amanuel	QR code		Adding a QR code scanner in the tour assistance screen	2	2	In progress	
Amanuel	Splash screen		A simple splash screen during application start time	1	1	Done	
Alex	Coding	Combining TTS and Translation	Moving the TTS engine functionality inside the translation function so that it can access the translated string	3	3.5	In progress	
Asa	Data Compilation	Gallery Images Parsing	Compiling the text from gallery images into JSON for use in the app	6	2	In progress	
Asa	Gallery Mapping	Creating Gallery Blueprint	Took blueprint of whole floor of Sid Richardson and isolated the gallery floorplan. Then added interior wall and specific displays.	3	5	in progress	
Asa	Coding	Search Bar RegEx	Adding regular expressions to searching feature and fixing issues with querying database with things such as DATE FOUND.	2	1	in progress	
Kendric	Coding	Setting Effects	Setting Effects implementation., dynamic font size changing	2	2	In Progress	
Kendric	Coding	Application Documentation with TypeDoc Library	TypeDoc Library for MMG App	1	2	In Progress	Got TypeDoc Library to compile after addressing compilation errors. Need to continue adding comments in order for documentation to look better for the generated html artifact
Aparajita	Documentation	Meeting Minuted	Update the meeting	0.5	0.5	Done	
Aparajita	Rio Grande Website	Add more features		1	0.5	In Progress	
Aparajita	Testing		Run the app emulator to look to bugs	1	0.5	In Progress	

Feb 28 - March 6, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Aparajita	Meeting Minutes			0.5	0.5		
Aparajita	Text Database		Put the text from the images in the gallery to the excel sheet	2	5.5		
Alex	Coding	Fix the TTS	Getting the TTS engine to operate inside the translation	2	1.5	In progress	I've gotten the engine to start speaking again, making sure the button functionality remains intact and behaves consistently
Everyone	Client meeting	Update Dr. Mayne with new features		1	1	Done	Dr. Mayne gave us positive feedback for the UX of our app after browsing the app herself on a tablet
Amanuel	QR Code	Try our React Native qr code libraries	Get a basic QR code scanner working in our project	2	3	In progress	I'm finding out that React Native is challenging for hardware access, but I'm still trying to overcome that
Kendric & Amanuel	QR Code	Troubleshoot react-native vision camera	Tried finding alternative libraries and troubleshooting why react-native vision camera library was reflecting a black image	1	1.5	In Progress	
Kendric	Context Setting	Implement Functionality	Implement Setting Context functionality of user's font size	3	2	In Progress	I was able to get the font size to change and set to a new value, however when I import the variable from a different screen it doesn't reflect the changed value

Feb 28 - March 6, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Alex	Coding	Fix the TTS	Getting the TTS engine to operate inside the translation	2	1.5	In progress	I've gotten the engine to start speaking again, making sure the button functionality remains intact and behaves consistently
Kendric	Context Setting	Implement Functionality	Implement Setting Context functionality of user's font size	2	2	Done	Feature works as Expected
Kendric	Detail Screen	Scrollable Functionality	Implement Scrollable function on font that is too large for the card	2	2	In progress	
	Tour assistance content based on region	Beacon monitoring	Monitoring beacons to detect which room the device is and generate content based on that in tour assistance screen	3	5	Done	I want to see how this will work better with the our new bigger database
Asa	Catalog Screen	Fixing Search	Tried fixing data passing for app to Firebase so that meteorites would query based on all filters, not just name.	1	2	In progress	I am unsure if i will be able to get this done fixed by final demo day. Might need to limit the search to just the names of meteorites.
Asa	Meteorite Images	Compile Meteorites List	Needing to compile a list to send to Dr. Mayne to get the images of meteorites in the gallery.	1	0	In progress	Hotel in San Diego did not have internet I could access, so I was unable to make a script to query the database for On Display meteorites so that I could send that information to Dr. Mayne
Aparajita	Meeting Minutes			0.5	0.5		
Aparajita	Vision Document			1	0.5		
Aparajita	Text Database			1	1		

Feb 28 - March 6, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Asa	Data Compilation	Gallery Data Compilation	Going through the data we took pictures of to make sure we had everything. Retook pictures of everything blurry that we did not get down.	2	1.5	Complete	
Asa	Image Compilation	Requesting Meteorite Images	Querying DB for all Meteorites on display in the Gallery to add to our data for tour assistance screen images.	1	3	In Progress	Having issues connecting to Firestore DB using IAM access tokens. Going to query original DB instead to compile all on display.
Asa	Gallery Map	Redrawing Gallery Map	Received a blueprint for the gallery and took out a lot of the extra information not needed for the application. Went in and added sections of the gallery to the map and numbered displays.	3	5	In Progress	Need to finish erasing some of the smaller details and clean up some areas.
Asa	Deployment	Deploy app to tablet	Received tablet from Dr. Mayne and built the app for deployment. Will give tablet to Dr. Mayne so that she can test and give feedback.	1	0.5	In Progress	
Everyone	Demo	Meeting at MMG with Dr. Mayne and Dr. Wei for demo	Demonstrate all the UI/UX flows we have developed so far	1	1	Done	Dr. Mayne and Dr. Wei are happy with our achievement
Amanuel	UX	Implementing instant search in meteorite catalog	Improved the meteorite catalog experience by adding an instant search option to look for meteorites by different criterions.	2	2	Done	
Alex	TTS	Last-minute TTS fix before Demo	Locating the issue in the text to speech engine	2	3	Done	The API key had been moved, so it turned out to be an issue elsewhere instead, but it was resolved in time for the demo
Kendric	UI	Fix Change Brightness & Add in enabling and disabling BT	Fixing brightness slider and enabling/disabling Bluetooth functionality via the settings screen	2	3		
Aparajita	Meeting Minutes			0.5	0.5		
Aparajita	Text Database			1	1		

Feb 28 - March 6, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Aparajita Biswas	Meeting Minutes			0.5	0.5		
Aparajita Biswas	Vision Document			1	2	In progress	
	Deployment	Deployment pipeline	Prepare a CI pipeline in our github for automatic deployment to Google Playstore	1	2	In progress	Needing a gmail account from Dr. Wei for this
Everyone	Presentation	SRS Poster	Prepare a draft poster for SRS	1	1	In progress	
	Data Entry						
Alex	Data Entry	Documenting gallery images	Converting text into the excel sheet	2	3	Done	I think those were the last of the pictures we took
Kendric	UI	Fix Change Brightness & Add in enabling and disbling BT	Fixing brightness slider and enabling/disbling Bluetooth functionality via the settingscreen	2	3	In progress	
Asa	Coding	On Display Meteorites	Still working on a JS function to gather the on display meteorites to give to Dr. Mayne for images	0.5	2	In progress	Still getting errors on modules. Might need to look at different documentation.

Feb 28 - March 6, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments
Asa	Coding	On Display Meteorite Collection	Wrote a JS function to query Firestore for the Meteorite's Catalog number and compiling it into a .txt file to send to Dr. Mayne to get images for the app.	1.5	1	Done	Used old importFirestore functions.
Asa	Graphic Design	Redesigning Gallery Map	Used Adobe Illustrator to remove a lot of information on the blueprint of the gallery, then colored the map, added numbered displays.	3	3	Done	
Amanuel, Asa	Poster	Work on SRS Poster		2	2	Done	
Amanuel	Coding	QR Code	Add a QR code scanning feature to trigger the content generation in tour assistance screen	2	2	In progress	
Alex	Poster	Working on SRS Poster	Proofread and added some text changes for the poster	1	1	Done	
Kendric	Coding	Fix Change Brightness & Add in enabling and disbling BT	Fixing brightness slider and enabling/disbling Bluetooth functionality via the settings screen	1	3	In progress	

Feb 28 - March 6, 2022

Team Member	Task Categories	Planned Task	Description	Planned Hours	Actual Hours	Status	Comments			
Amanuel	Coding	QR Code	Add QR code camera and then navigate to tour assistance screen after detection with a prop for content regeneration	2	3	In progress	The frame detection libraries are very heavy and time taken to build is very concerning			
Kendric	Coding	Fix Change Brightness & Add in enabling and disbling BT	Fixing brightness slider and enabling/disbling Bluetooth functionality via the settingscreen	1	2	Done				