
Neeley Business

**Open Planner
Vision**

Version <1.0>

Open Planner	Version: 0.1
Vision and Scope	Date: 22/09/2022
Open Planner Vision and Scope	

Revision History

Date	Version	Description	Author
22/09/2022	0.1	Initial Draft	Thuong Hoang, Shawn Fahimi, Alex Roa, Tanmay Kejriwal
3/4/2023	1.0	Final	Thuong Hoang

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Vision

1. Introduction

The purpose of this document is to collect, analyze, and define the business requirements, i.e., high-level needs, desired ultimate business outcomes and features of Open Planner. It focuses on the capabilities needed by the stakeholders and the target users, and **why** these needs exist in the first place. The details of how Open Planner fulfills these needs are detailed in the use-case and supplementary specifications.

1.1 Background

Students at any university or college have difficulty managing their schedule. They will use software such as Google Calendar or a hard copy of a planner to input all their events. Usually, students have to open or download each syllabus to examine and input all their due dates. This solution is open to human error, and it is very time consuming. Professors will not always abide by the syllabus and change their exam dates or due dates, which makes the current options much more time consuming to change and plan for future trips or events. Over time, students lose track of what is due and what is not due. It makes it difficult to stay on track, especially in college. Students across the nation struggle to plan their travels with their family or friends for breaks or weekends without having an updated planner.

1.2 References

None.

2. Business Requirements

2.1 Business Opportunity/Problem Statement

The problem of	Students need a way to easily organize and access major dates across all of their classes during the school year.
affects	TCU students
the impact of which is	Stress and disorganization
a successful solution would be	Give students a clear resource to access this information in the form of a calendar

2.2 Business Objectives

BO-1: Provide students with a resource that allows them to upload their syllabi for a semester, and then access a calendar with all major dates from all courses easily visible.

BO-2: Provide students with the means to easily merge their personal and school calendars together by adding custom dates to their calendar, once created.

2.3 Success Metrics

SM-1: 15% of Neeley students will adopt the MVP for OpenPlanner in the spring semester and use it for date organization.

SM-2: A portion of Neeley professors begin to adopt a custom template to create syllabi for ease of parsing within the OpenPlanner application.

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2.4 Vision Statement

For	TCU students
Who	need a planner that consolidates all major dates across all classes
Open Planner	is a calendar/planner application
That	enables students to immediately create a calendar with all major school dates upon uploading syllabi
Unlike	current applications that add friction by requiring students to look through syllabi themselves to add dates to their personal calendar
Our product	automatically parses a student's syllabi to consolidate all dates into an easy to navigate calendar/planner

2.5 Business Risks

RI-1: Professors may not be willing to create a syllabus that is formatted in a way that can be easily parsed by the Open Planner application (Probability = 0.6; Impact = 3)

RI-2: Students may find a better platform or software that fits their needs for providing them a calendar/planner before we can finish the product. (Probability = 0.3; Impact = 9)

2.6 Business Assumptions and Dependencies

AS-1: The syllabi for Neeley courses have a uniform format that will be conducive for creating a program to parse them.

AS-2: Students have enough of a compelling pain point in having to manually look through their syllabi to create a calendar with major dates to consider using our system.

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3. Stakeholder Profiles and User Descriptions

3.1 Stakeholder Profiles

Stakeholder	Major value or benefit from this product	Attitudes	Major features of interest	Constraints	End user or not?
Neeley Business	Success leads to app's popularity, which leads to good publicity for Neeley and the students who conceived of the idea.	Hopeful for a working application for all students	Increased revenue and publicity	None identified	No
Students	Will help be more organized and ready throughout a semester. Allowing for good time management and trip planning	Excited for an application that will create a master schedule for them	Simple design and easy to use and understand their major due dates	May have syllabi with different templates.	Yes
Professors	Having a set syllabus format will help with organizing classes	Excited for students to be less stressed about not knowing their major due dates	Possible ease of writing future syllabi through presented custom template	May have a preset personal template when writing syllabi	No

3.2 User Environment

The working environment of the target user is a web browser (either desktop or mobile). The application is intended for personal use, thus one person will be involved in completing most tasks.

3.3 Alternatives and Competition

Excel, Calendar Apps (such as those provided by Google, Outlook, iOS, etc)

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4. Scope and Limitations

4.1 Product Perspective

The product is intended to be mostly self-contained, as its purpose is to give users a single calendar through which they can access all major dates.

4.2 Major Features / Scope

FE-1: Be able to create an account using your name and email.

FE-2: Be able to access a calendar full of major dates automatically populated based on uploaded course syllabi

FE-3: Create, view, modify and delete major dates on the user calendar.

4.3 Deployment Considerations

DC-1: AWS (Amazon Web Services) being used for project deployment.

5. Other Product Requirements

OPR-1: We need all uploaded syllabi to follow a consistent format that is conducive to effective parsing and calendar creation.