



1. Introduction

1.1 Purpose

The purpose of this document is to create an application that is similar to [when2meet](#), but is more intuitive and accessible, especially for mobile users.

1.2 Intended Audience

This application is intended for general users such as students, industry professionals, and any other individuals (within or outside the University of Alberta community) that would like to collaborate with other people and determine the team's general availability.

1.3 Intended Use

Users will be able to access this application using an Ada's Team-owned URL/domain (to be provided at a later date) on a web browser.

1.4 Scope

Our aim is to have a system that allows users to pick a range of dates, days, and/or times to indicate their availability with other users. We want to ensure that this application is mobile friendly, accessible, and easy to use. As useful as when2meet is, it is not entirely intuitive, nor is it accessible (especially if you are visually-impaired or have limited access to a mouse).

This application should be publicly accessible for the general public, and it is not strictly reserved for Ada's Team members.

For a more detailed description of requirements, please see section 2.

1.5 Definitions and Acronyms

This document uses the following terms and acronyms:

General Users	Students, industry members, academic members, or anyone else within or outside the University of Alberta community.
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2. Overall Description

2.1 User Needs and Characteristics

Users

There is 1 type of user: General

General

We want our application to provide the following functionality:

1. Create a new event
 - a. Name the event
 - b. Select a date range either by:
 - i. Today's date
 - ii. Specific dates
 - iii. Days of the week
 - c. Select a time range (by hour)
 - d. Select a timezone
 - e. Generate a unique, shareable URL
2. Using the shareable URL, submit availability
 - a. Prompt to enter a name and email address
 - b. Ability to select times they're available
 - c. Ability to update their availability
3. Display availabilities
 - a. All at once
 - b. One user's availability by selecting their name
4. Scheduling
 - a. Find the optimal scheduling time
 - b. Create the google calendar invitation

2.2 Assumptions and Dependencies

We can assume that users will have access to the application on their browser, whether it is on a PC, laptop, tablet, or phone. This means that our website must be responsive, and it should function for most browsers. Browsers to prioritize are: Safari, Google Chrome, Firefox, and Edge.

As this is for a student group and expected to be used for multiple years, ensure that the code is maintainable and readable.

3. System Features and Requirements

3.1 Functional Requirements

You will be responsible for setting up these requirements. But don't worry, we'll work through them with you!

3.2 External Interface Requirements

You will be responsible for setting up these requirements. But don't worry, we'll work through them with you!

3.3 System Features

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3.4 Nonfunctional Requirements

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