

# PROJECT PROPOSAL

## **Project Name: MEet and You**

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### **Product Name & Description**

Our project is called MEet & You. MEet & You is a web app that allows couples to plan dates by not only giving recommendations based on what they want to do, but also being capable of auto-generating itineraries for dates and/or group outings. When planning with our application, users can build itineraries with up to 10 different events. Users will select a city and that location's local time will be used for the planning of events on the itinerary. It ensures uniformity across the board regardless of where you are geographically (in the United States).

### **Project Scope**

MEet & You will be a web application compatible with Chrome version 94.0.4606.61. We will not be updating our web app when new Chrome versions are released.

It will only be available in the United States and distributed in the American English language. The imperial system will be our main form of measurement within the application which will display distance in miles between events on the user's itinerary and will display temperature in Fahrenheit for our weather feature.

Due to project time constraints, multiple languages and availability to all browsers will not be implemented inside of our web application. This is to assure that we have all the necessary documentation and a working application by the provided deadline with our team of five.

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## App-specific Features

### 1. Suggestions

- a. The value of the suggestions feature is to guide the user to create the perfect itinerary.
- b. The user must be logged in to use suggestions.
- c. The suggestions feature will involve multiple pages listed below:
- d. Itinerary Creation Page
  - i. The types of events that the user can choose from are:  
Parks, art, attractions, night life, live music, movies, museums, libraries, fitness activities.
  - ii. On the itinerary creation page, the user will select a general category from a drop down menu.
    1. Each selected category will have its own page in order to list suggested events under that category.
  - iii. Located on the itinerary creation page will be an Event Suggestions Box
    1. The value of the random suggested events is to encourage users to explore new events outside of their original choices.
      - a. Encourages users to add local event opportunities to the itinerary.
    2. The events that are displayed in the random suggested events box will exclude the general categories of the events chosen by the user.
      - a. E.g. If the user chooses to see a movie, then no movie suggestions will appear in the random suggestion box.
    3. Up to 10 random events in the itinerary's city will be shown.
      - a. This will be displayed in a random events suggestions box alongside the itinerary creation page where users can choose the general categories of what they plan to do that day.

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- i. The event will be displayed with the day, time, and a description of the event.
4. If the user chooses to add this event to their itinerary, it will be moved under the general categories of other events the user added to the homepage and can be reorganized to decide the order of events.
5. If there are no events going on in the area, we would display that there are no suggested events coming up.
6. The times of the suggestions will be localized to the itinerary's city.

### e. Event Details Page

- i. Each event on the page will contain:
  1. What will be shown is a short preview of the event containing:
    - a. The name of the event
      - i. The characters displayed for the name of the event will be limited to 35 characters.
    - b. A description of the event
      - i. The description will be limited to 350 alphanumeric characters.
    - c. Weather forecast
      - i. Will display general weather statistics (temperature, precipitation, air quality) on each event item
        1. Ex: 75 F 50% Rain 150 AQI
    - d. Address of the event
      - i. The address will display the street number followed by the street name, suite number (if applicable), city, state, and zip code.
  2. If the user is interested in the event and chooses to expand the event, additional information will be shown such as:

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- a. A expanded description of the event
    - i. The expanded description will be limited to 700 alphanumeric characters.
  - b. The expanded event title will be limited to 80 characters.
  - c. If the event does not have a set time (e.g. hike, library visit)
    - i. User can select any time slot that fits within the time frame of the itinerary
  - d. If the event does have a set time (e.g. movies)
    - i. User will be prompted to select a time slot fitting within the time frame of the itinerary
- ii. Event Summary Box
1. For each event detail page, a small, scrollable event summary box will be present.
    - a. This box will display the events in chronological order.
      - i. It will display only three events at a time.
    - b. Any edits made (order of events or change of time for an event) to the itinerary past the itinerary creation page will be done through this summary box.
      - i. If the user decides to edit the order of events, they can remove an event from the summary box or edit the time.
        1. They would be taken back to the event's detail page to reschedule that specific event's time.
        2. This change would display on the event summary box.
  - ii. If the user edits the order and it conflicts with the times of the existing events.

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1. We would display that there are conflicting times for the events afterwards and the user would have to edit the time of that event again.

### 2. User Profile Dashboard

- a. The value of the user dashboard is to centralize all the functions associated with a user's account (e.g. profile, itinerary management, account settings).
- b. The user must be logged in to access the user dashboard.
- c. The dashboard displays a personal profile and a list of all itineraries a user has created or collaborated on.
  - i. The personal profile will consist of a profile picture, a username, and a user's full name.
    1. For our profile picture, we will only accept image types of png, jpeg, and jpg. Images need to be smaller than 5MB and will be automatically resized to 170x170 pixels.
    2. The username will be restricted to 16 alphanumeric characters with some special characters allowed (underscore and period).
    3. The user's full name will be in two distinct text boxes: one for the first name and one for the last name.
      - a. Each text box will be limited to 25 alphanumeric characters
      - b. No special characters will be allowed.
    4. Within their personal profile, they have the option to delete their profile, change their account email, or change their phone number.
  - ii. The list of itineraries will be located next to the user's personal profile.
    1. The itineraries will be organized into a grid layout, with each itinerary detailing:

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- a. Rating, cover image, itinerary name, itinerary owner, date of creation, number of itinerary items, and a context menu (three-dots).
  2. Each itinerary type (recent, favorite, and all) will be sectioned by category.
    - a. Recent Itineraries
      - i. Default view of the most recent ten itineraries in a grid format.
    - b. Favorite Itineraries
      - i. Default view displaying the most recent favorites to the oldest favorites the user has associated with their account.
    - c. All Itineraries
      - i. Default view that displays all the itineraries associated with the user's account.
  3. By default, if a user is a collaborator on an itinerary, that itinerary should appear in their respective itinerary section (recent & all).
- iii. All Actions in Account Settings
  1. Change name/username/password/phone number
  2. View account data
    - a. Locations visited
    - b. View time range of itineraries (what times the user typically makes plans)
    - c. Total itineraries made
    - d. Account date creation



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### 3. Text Notification

- a. The value of text notifications is to improve client-to-client interactions in an itinerary.
- b. Text notifications will notify collaborators that someone either canceled or cannot make it.

The types of texts that a user will receive from Text Notifications:

- i. User cancels on an event/itinerary.

The collaborators of the itinerary will receive a text saying the user canceled.

Examples:

“MEet and You: John Doe has cancelled ITINERARY NAME.”

“MEet and You: John Doe has cancelled EVENT NAME.”

- ii. User has a time conflict for an event.

The user can send an SMS specifying the delay time (hr/min) and reason.

The delay reason will be limited to 20 alphanumeric characters.

Example:

“MEet and You: John Doe will be \_\_:\_\_ minutes late due to [REASON].”

- c. The user is required to store their phone numbers within the system (e.g. when they first create a user profile), in order to receive text notifications.

### 4. Rating System

- a. The rating system will be comprised of two components:
  - i. Rating an individual event:
    - 1. The value of the rating specific events is for the web app to fine-tune suggestions based on the users preferences.
    - 2. The user must be logged in to utilize the rating feature.
    - 3. If the user gives a low rating on an event, then the web app would stop suggesting that event for making any future itineraries.

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- a. The rating that the user set would also be displayed next to events for future planning.
- ii. Rating an entire itinerary:
  - 1. The itinerary rating, along with itinerary notes, is intended for the user to be able to look back and understand why they gave a rating to a particular itinerary.
    - a. This would be useful if they intend to reuse the itinerary in the future.
  - 2. The user is also able to add a note to the overall itinerary for future reference.
    - a. The note will have a 300 character limit.
- b. The rating system's range will be between 1-5 location pins.
  - i. A higher location pin score means the user enjoyed the itinerary/event more.
- c. Upon rating an itinerary/event, the user has the choice to edit the rating as many times as they want.
- d. Collaborators must be given editing permissions to alter an itinerary/event's rating.
  - i. If there are no editing permissions, the collaborator will only see the rating.

### 5. Memory Album

- a. The value of the memory album is to give users an organized memento of their dates to look back on.
- b. The user must be logged in to access memory albums.
- c. Users are able to upload pictures from their date and view them in a slideshow associated with an itinerary, similar to a photo album.

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- i. The system can support up to 10 photos for an itinerary. Once the photo limit is reached, the user must choose which photos to remove to free up space.
  - ii. Users can upload multiple photos at a time.
- d. The order of the memory album can be rearranged at any time (e.g. while uploading & after upload).
- e. All users of the itinerary will have the same memory album visibility.
- f. File types that will be supported in our memory album include jpeg, jpg, and png. The maximum image file size will be 5MB.

### **6. Duplicating Itineraries**

- a. Allows users to quickly copy their own or collaborative itineraries.
  - i. You can only copy one itinerary at a time.
- b. The user must be logged in to duplicate itineraries.
- c. When duplicating an itinerary, the user must provide a new itinerary name and the user has the ability to select/unselect certain events to copy.
  - i. The new itinerary name will be limited to 35 alphanumeric characters.
  - ii. The new itinerary must have at least one event selected to proceed with duplication.
- d. When the user is presented with the list of events, each event will display a title and a short description.
  - i. The event title will be limited to 20 alphanumeric characters.
  - ii. The short description will be limited to 50 alphanumeric characters.
- e. The duplicated itinerary will then appear as the first item in the recent itinerary and all itinerary lists.
- f. If there are collaborators on the desired itinerary the user wants to duplicate, those collaborators will not have access to the duplicated itinerary.
- g. The system can support up to 50 itineraries for a user. If the itinerary limit is reached, the user must delete itineraries to free up space.

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### 7. Hyperlink Sharing

- a. The value of hyperlink sharing enables you to quickly copy and share hyperlinks to content stored in the app with others.
- b. The user needs to be logged in to utilize hyperlink sharing.
  - i. The ability to seamlessly send itineraries through one of two options.
    - 1. You can share your itinerary to friends via email or a permanent link.
    - 2. Collaborators require accounts to have any sort of access to the itinerary.
    - 3. Creator of the itinerary can change between three permissions:
      - a. *View*: Recipient can only view but not edit the itinerary.
      - b. *Comment*: Recipient is able to suggest improvements or comment on the itinerary but is not able to modify it.
        - i. A limit of 200 characters per comment.
      - c. *Edit*: Recipient is able to modify the itinerary directly.
- c. The system can support up to five people (inclusive of the owner) for an itinerary.
  - i. Owner's permissions overrides the collaborator's permissions.
    - 1. The owner will be able to remove any shared person from an itinerary.
  - ii. Owner will be prompted once maximum is reached and will be incapable of adding any further collaborators.

### 8. Localized Weather Forecast

- a. The value is to provide weather insight. This allows users to plan their itinerary accordingly (e.g. wear appropriate clothing, weather appropriate events).
- b. The user must be logged in to see the localized weather forecast feature.
- c. For the itinerary's location, the following weather metrics will be displayed:
  - i. High, Low, and Current Temperature (Fahrenheit & Celsius)  
Wind speed (mph & kph)

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Humidity (%)

Precipitation (%)

Air quality (AQI)

- d. The weather information will appear as a widget on the itinerary creation page.
  - i. The creation page will display the information about the itinerary: the city, the weather widget, and all added itinerary events (if applicable).
  - ii. Inside the widget, the information listed in (b.) will be displayed.
  - iii. The weather widget will only appear on the itinerary creation page if the itinerary happens within the next ten days.
    1. The widget will not appear on past itineraries.
    2. Itinerary collaborators will be able to see the weather widget.

### **Target Audience**

We intend for couples to use MEet & You. It can also be useful for friend groups planning an outing.

### **Pain Point**

The pain point is that with couples, there are always struggles with planning details of a date. This is because planning dates involve many headaches such as working around each other's schedule, remembering all details of the date, and finding places to go.

### **Product Value**

Our application's value is to find and plan events. It improves the process of planning events for significant others by centralizing both the searching and planning aspects on one website.

### **Product Vision**

The end result of our application is to make our web app cross-platform (iOS/Android). The features that we plan on adding to the companion app will include social media elements such as:

- Adding friends so you can more conveniently exchange and create plans in real time

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- Itinerary visibility (public, only friends list, private)
- Granting users the ability to comment on each other's itineraries
- Converse with itinerary collaborators through a live-chat feature

### Product Competitors

Since we currently do not have direct competitors, our closest indirect competitor is the itinerary creation service Wanderlog. Another indirect competitor is manually creating an itinerary via a web-based calendar service like Google Calendar.

### Product Uniqueness

Product(Competitor)	Similarities	Differences
Wanderlog	<ul style="list-style-type: none"><li>● Plans single/multi day outings in a city.</li><li>● Both provide suggestions on locations/locales near the user.</li></ul>	<ul style="list-style-type: none"><li>● Allows duplication of specific itineraries.</li><li>● Displays a memory album of pictures in an itinerary</li><li>● MEet &amp; You has single-day itineraries Wanderlog has multi-day itineraries</li><li>● Provides weather metrics</li><li>● MEet &amp; You's scope: Local events (non-travel based) Wanderlog's scope: Trips (e.g. roadtrips, vacations, etc.).</li></ul>
Web-based calendar services (Google Calendar, Outlook Calendar)	<ul style="list-style-type: none"><li>● Plans events on a time schedule basis.</li></ul>	<ul style="list-style-type: none"><li>● Automatically generates schedules based on suggestions given by the app.</li></ul>