

Mango Medium-Fidelity Prototype

README

The prototype can be found at

http://web.stanford.edu/class/cs147/projects/crowd_power/mango/

In order to work through the medium-fidelity prototype of Mango, please click on the buttons that seem most reasonable to you and explore the product. **If at any point you find yourself lost, just click around until you see the Marvel button cues (they will flash in blue) and click on the one you find most interesting.** While using the application, you should go from setup, to inviting friends, to brainstorming, to final itinerary.

Mango is designed to run in a web browser, not a mobile platform, hence the lack of a mobile frame around the prototype.

Many things are hard-coded into this demo, including, but not limited to: Amy Saper's gmail account, invited friends, selected events, search options, and final itinerary. We allow the user to click on various input boxes that will lead to the input boxes being auto-filled. There is also no functionality for dragging and dropping. Thus, in our "Setup Schedule" screen, we allow users to click on "Go Wine Tasting" and then click on a spot on "Tuesday" to place it there, allowing us to mimic a dragging and dropping interface. There is unfortunately no option for typing in custom input to the medium-fi prototype at this time.

Mango Medium-Fi Prototype

Team Mango: Amy, David,
Emily

Value Prop, Problem & Solution Overview

Mango is a responsive web application that makes it **easy for friends to coordinate group travel and collaborate on itineraries**

Tasks

1. Simple: Sign-in and set up trip details (dates and destination)
 2. Medium: Enter emails and invite participants to collaborate
 3. Complex: Add trip ideas and drag and drop on calendar
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Revised Interface design

Revised Task Flow

Lo-Fi:

1. Brainstorm activities
2. Vote & organize activities into calendar
3. View itinerary and enjoy your trip

Medium-Fi:

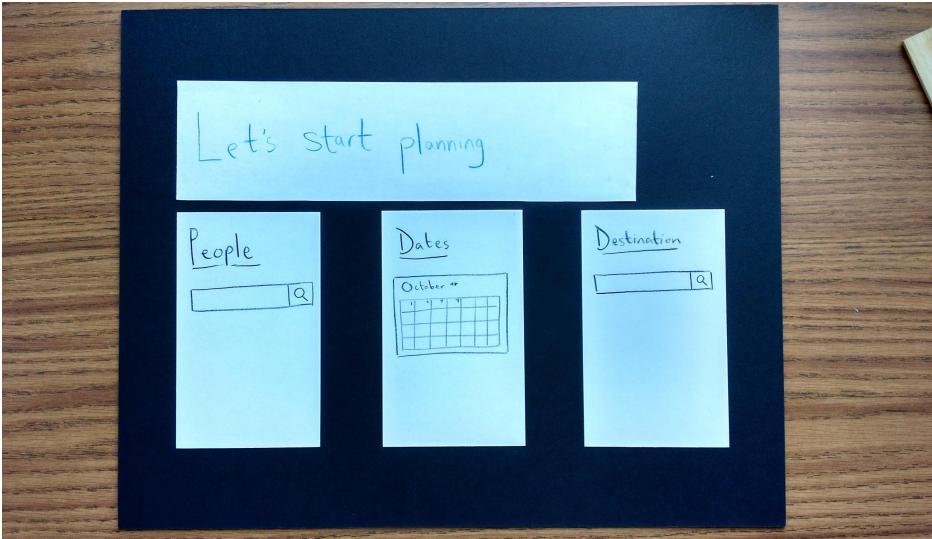
1. Trip setup
2. Invite friends
3. Idea generation into calendar

Big Revision 1: More Pictures

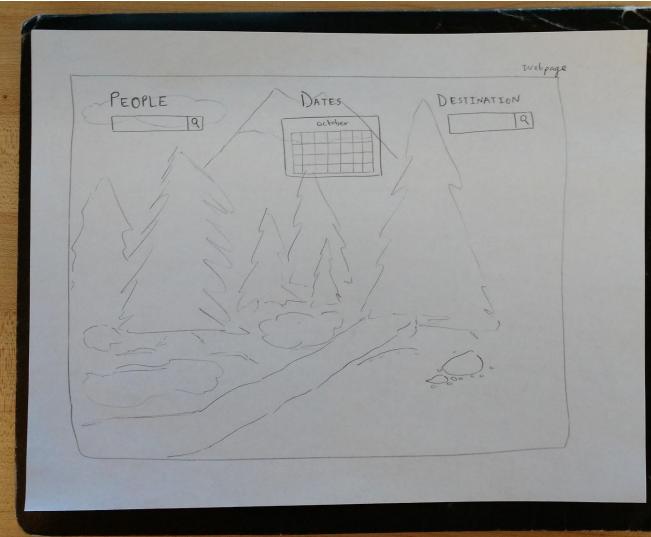
Provide a greater glimpse
into the experience

More Pictures - Landing Page

Lo-Fi:



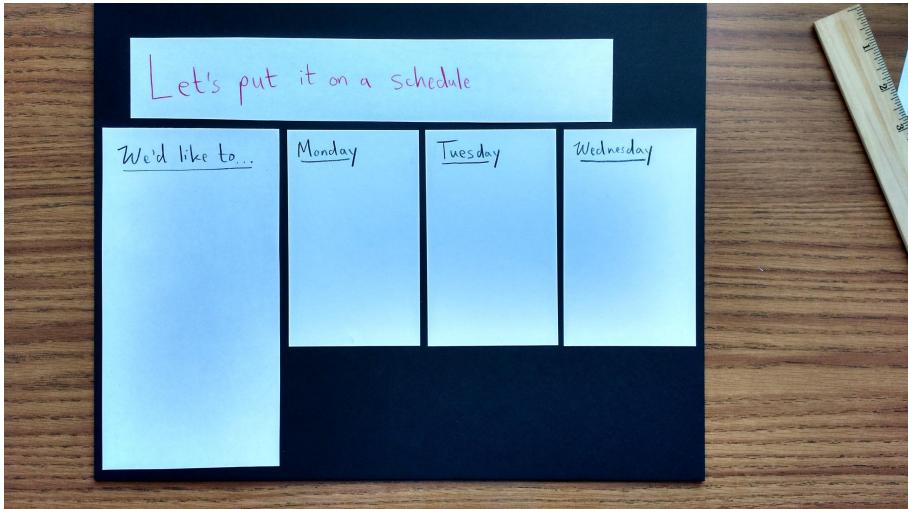
Medium-Fi:



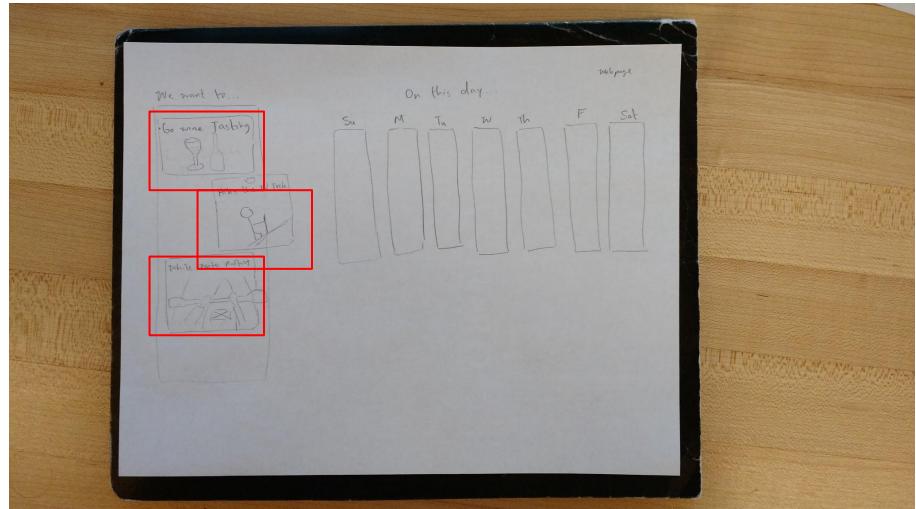
Use of additional photos

More Pictures - Idea Generation Into Calendar

Lo-Fi:



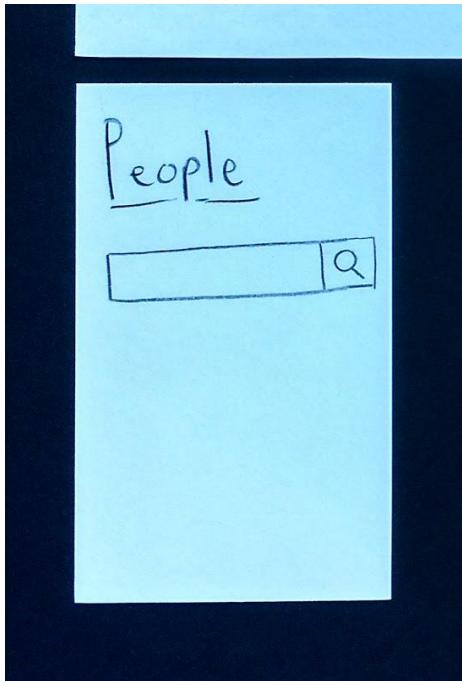
Medium-Fi:



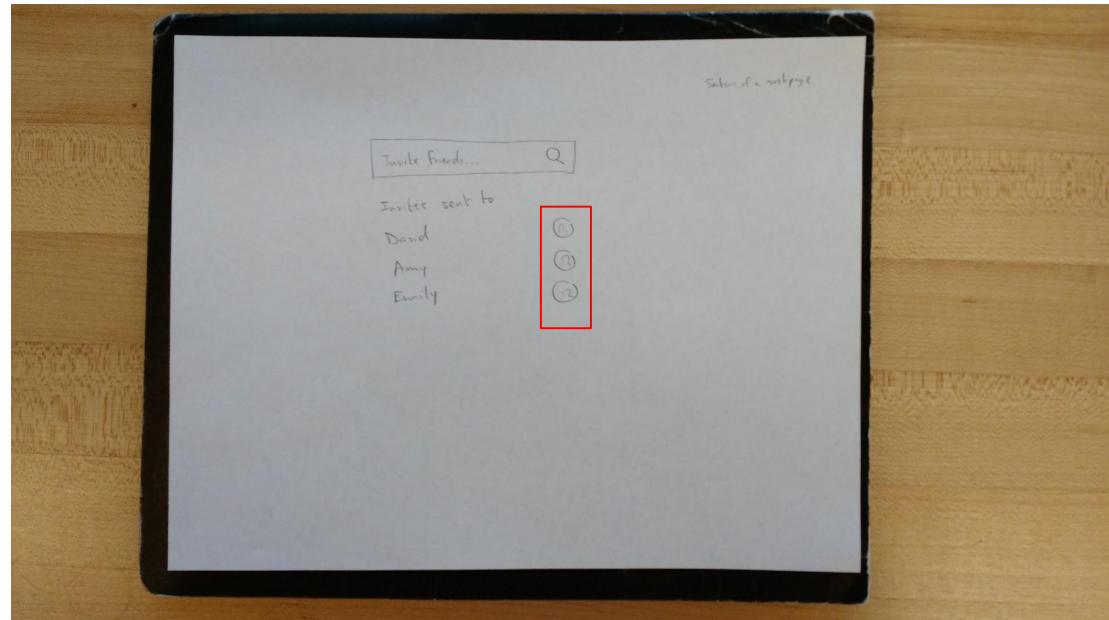
Use of additional photos

More Pictures - Add Friends

Lo-Fi:



Medium-Fi:



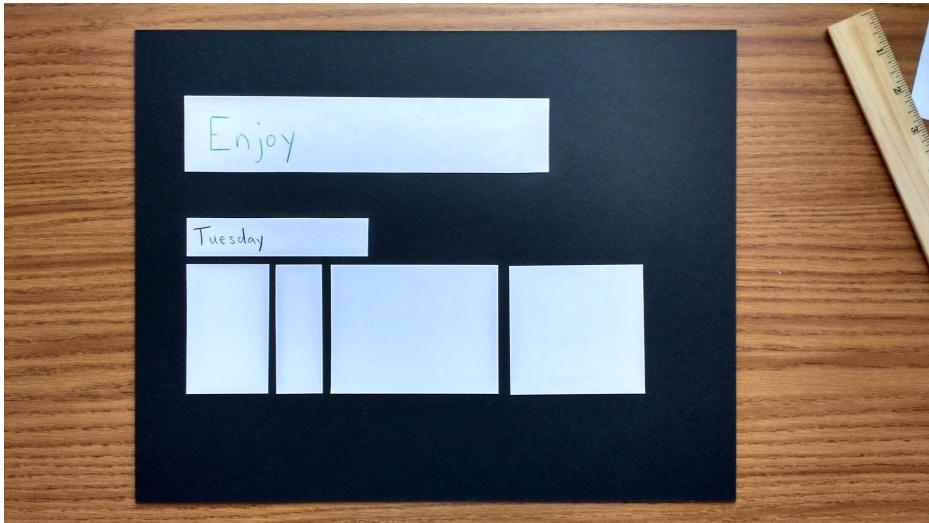
Use of additional photos

Big Revision 2: Deemphasize View Itinerary

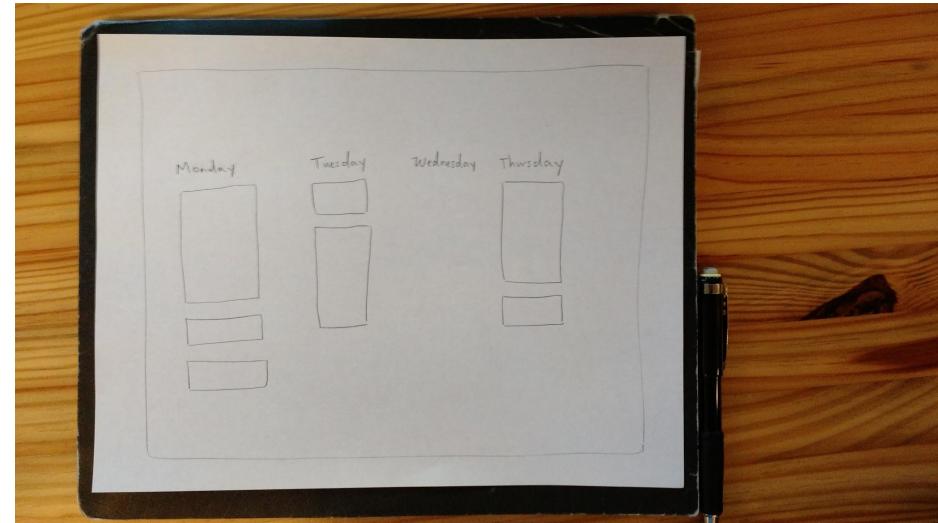
Create greater focus on
trip planning

Deemphasize View Itinerary

Lo-Fi:



Medium-Fi:



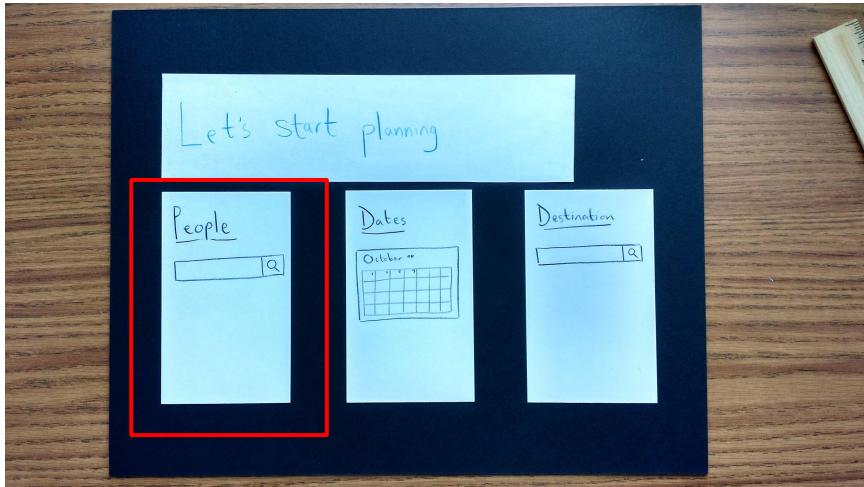
Reduced the significance of the view itinerary page, because we wanted to emphasize the other features

Big Revision 3: Emphasize add Friends

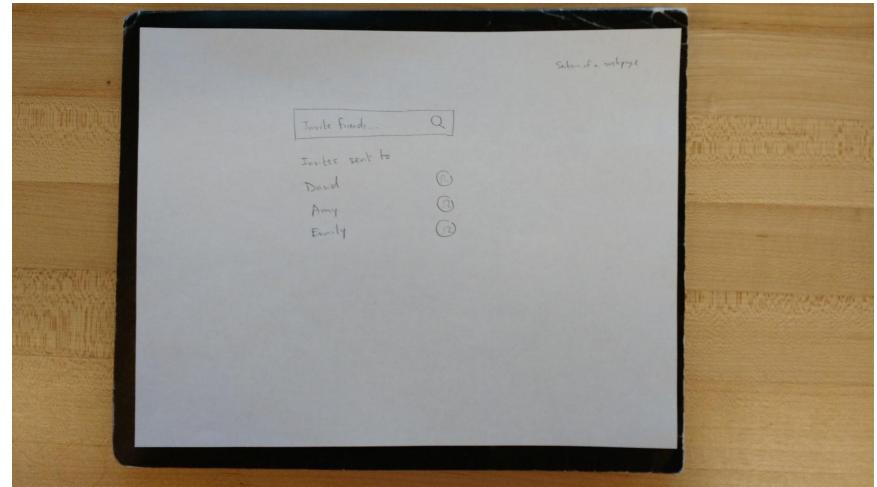
Emphasis on people and
friends

Emphasize Add Friends

Lo-Fi:



Medium-Fi:

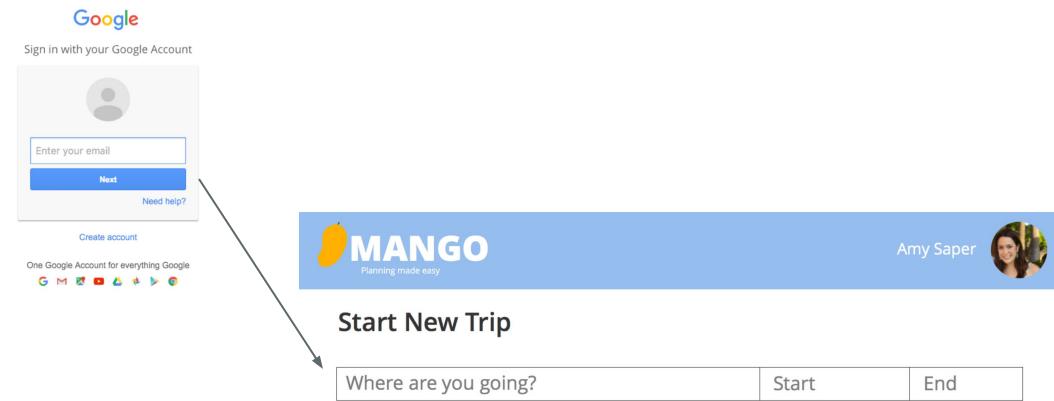


Adding friends is now its own page

Task 1: Sign-in and set up trip



Plan trips easily as a group in just a few short steps. Just sign in using your Google login to begin.



Task 2: Invite friends

The diagram illustrates the user flow for inviting friends to a trip on the MANGO app, starting from creating a new trip and moving through the invitation process.

Step 1: Start New Trip

A user profile for Amy Saper is at the top. Below it, a section for "Start New Trip" shows a location "Patagonia" and travel dates "Dec 10, 2015" to "Dec 27, 2015". A thumbnail image of two people in a mountainous landscape is displayed. An orange "Next" button is located at the bottom right of this screen.

Step 2: Invite Friends (First Screen)

This screen shows the "Invite Friends" step. It has a text input field containing "davidmallick@gmail.com" and an orange "Add" button. Below this is a "Trip Members" list containing "Amy Saper" and "Emily Xie". A large orange arrow points from the "Next" button on the previous screen to this screen's "Back" button.

Step 3: Invite Friends (Second Screen)

This screen shows the "Invite Friends" step again. It has a text input field for "Enter your friend's email" and an orange "Add" button. Below this is a "Trip Members" list containing "Amy Saper", "Emily Xie", and "David Malick". An orange arrow points from the "Add" button on the previous screen to this screen's "Back" button.

Step 4: Invites Sent (Final Screen)

This screen shows the "Invites Sent" message for the upcoming trip to Patagonia. It lists the "Trip Members" as "Amy Saper", "Emily Xie", and "David Malick". At the bottom are "Go Back" and "Start" buttons. An orange arrow points from the "Next" button on the previous screen to this screen's "Back" button.

Task 3: Brainstorm Ideas, Add to Calendar

Brainstorm

MANGO
Planning made easy

Hiking

Search

Trip Ideas

- Hike the W Trek (2 Votes)
- Go White Water Rafting

Amy Saper

MANGO
Planning made easy

Hiking

Search

Trip Ideas

- Hike the W Trek (2 Votes)
- Go White Water Rafting

Amy Saper

MANGO
Planning made easy

Amy Saper

Setup Schedule

Drag and drop your ideas onto the schedule

Trip Ideas

- Hike the W Trek (2 Votes)
- Go White Water Rafting (1 Vote)
- Go Wine Tasting (2 Votes)

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

MANGO
Planning made easy

Amy Saper

Setup Schedule

Drag and drop your ideas onto the schedule

Trip Ideas

- Hike the W Trek (2 Votes)
- Go White Water Rafting (1 Vote)

Monday Tuesday Wednesday Thursday Friday Saturday Sunday

View Schedule

Prototype overview

Marvel & Sketch

- Sketch is much simpler to use than Photoshop
 - Sketch & Marvel plugin is seamless
 - Marvel makes it easy to create workflows
-

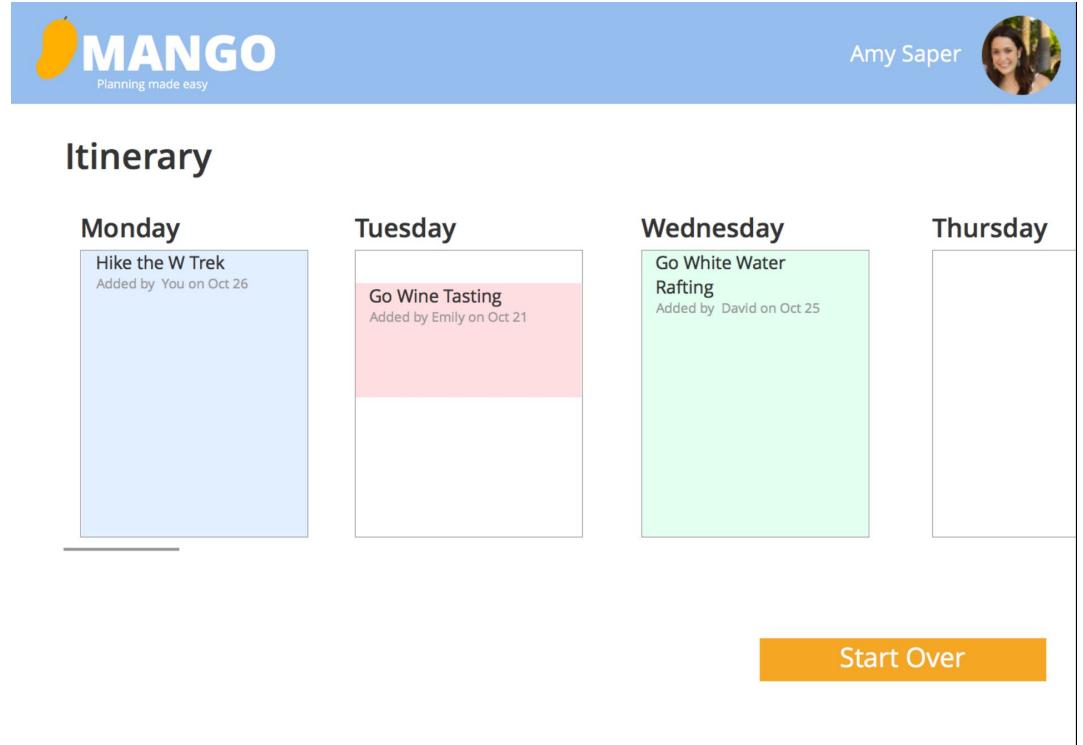
Limitations & Tradeoffs

- Hard to mock up full invite flow via email, accepting invites
 - Navigation post initial sign-up is difficult
 - Potentially lacking a default home page, for post trip set-up logins
 - Cannot actually type into Marvel
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Hard Coded Features

- Amy's Google account
 - Location (Patagonia) and corresponding photo
 - Emails of friends invited
 - Event options
 - Final itinerary
-

Additional prototype
screenshot:
Visual display of “View
Itinerary”



The screenshot shows the MANGO app interface for viewing an itinerary. At the top, there's a blue header bar with the MANGO logo (a yellow mango icon) and the tagline "Planning made easy". To the right of the logo is a user profile for "Amy Saper" with a small circular profile picture. Below the header, the word "Itinerary" is centered in a large, bold, black font. The main content area displays a weekly itinerary from Monday to Thursday. Each day has a light blue background. Monday has one event: "Hike the W Trek" (added by You on Oct 26). Tuesday has one event: "Go Wine Tasting" (added by Emily on Oct 21). Wednesday has one event: "Go White Water Rafting" (added by David on Oct 25). Thursday has no events listed. At the bottom right, there's a prominent orange button labeled "Start Over".

MANGO
Planning made easy

Amy Saper

Itinerary

Monday

Hike the W Trek
Added by You on Oct 26

Tuesday

Go Wine Tasting
Added by Emily on Oct 21

Wednesday

Go White Water Rafting
Added by David on Oct 25

Thursday

Start Over