

# Milestone 2: Sousheel, Jack, Hassan, Duaa, John

## Project Management Tool: Trello

- Trello Page - <https://trello.com/skiu>
- Milestone 3 Sprint - <https://trello.com/b/l4tyjecw/sprint-2-10-15-11-5>

The project management tool we are using is Trello. In Trello, we have set up user stories organized by sprints that outline all of our features, including critical and secondary features. Our critical features are organized by category in Trello, for example, User Verification. Under this board in Trello, we have all the requirements for a functional user verification system, which includes setting up a hash table for passwords using SHA-256 and storing this information in a SQL table. In each sprint, we will move these stories from their categories to the sprint boards and try to finish every story by the end of the sprint. As the project progresses, we will add more stories to our categories and our sprints.

## Project Plan:

### Total Sprints:

#### Sprint 1 - 10/5 - 10/15

- Milestone 2 - October 15th
- Finish Planning and Setting up project management websites

#### Sprint 2 - 10/15 - 11/5

- Milestone 3 - November 5th
- Finish Database setup
- Finish First version of HTML to allow for functionality to be implemented
- Setup Servers in MySQL
- Databases for User info, Driver information
- Databases need to be easily added to / deleted from

#### Sprint 3 - 11/5 - 11/26

- Milestone 4 - Individual Meetings - Week of November 19th
- Implement Angular JS and other backend functionality
- This sprint should be making sure we get the backend/site functionality working
- Driver/Rider matching worked on
- Finding Driver list worked on
- Authentication worked on

#### Sprint 4 - 11/26 - 12/17

- Milestone 5 - Testing - December 3rd
- Test the website functionality on the front and back end
- Fix as many bugs as possible, prioritizing bugs that prevent functionality
- Clean up the GUI as time permits
- Get website ready to be presented to the class

## Snapshots of our Trello Site:

Personal Boards

Welcome Board

Create new board...

SkiU Boards Members Settings

Database

Sprint 1 (10/5 - 10/26)

Sprint 2 10/15 - 11/5

Sprint 3 11/5 - 11/26

Sprint 4 11/26 - 12/17

UI Design

User Verification

Create new board...

**Sprint 2 10/15 - 11/5** SkiU Team Visible

**To Do**

Homepage

**Database**  
Create username table

**Database**  
Create password table

**Database**  
Create resortName table

Setup server using Apache

**HTML/CSS**  
Finish first version of HTML for all pages (Bootstrap)

**HTML/CSS**  
Create Style Sheet

Add a card...

**In Progress**

Add a card...

**Done**

Add a card...

## **Agile Meetings:**

### Standup

When we began our weekly meeting, we each gave our first standup meetings, discussing what we worked on during the last week. During our previous meeting, we decided to each sketch a rough layout of the website, including the UI/UX, features, and general organization of the site then present it at the following meeting. The standup then allowed each of us to discuss why we constructed our sites as we did. Sousheel began, presenting his idea of a simple homepage with a beautiful slideshow of skiing pictures, login/signup options, and links to other pages (driver/passenger profiles and events). John then went next, agreeing on most of Sousheel's homepage, but slightly altering it so that the links to other pages could only be seen if a user was logged in. Jack followed, discussing his idea of how the driver/passenger profiles should differ and how the event page should be organized. Finally, Duaa and Hassan brought in new ideas on how to present data and optimized previous visions of the homepage. We found that most of our ideas were similar, however some still differed, forcing us to discuss and decide on features. After our standup meeting, we found ourselves with a much more unified view of SkiU.

### Retrospective

During our previous sprint, we decided on what our application would be, which tools we would be using to create it, and how we would go about using those tools. The retrospective meeting then allowed us to reflect on this past sprint and evaluate our successes and shortcomings. We began by discussing how we could've done better. The team believed that we should've specified exactly which technologies we would be using, as in our proposal we simply stated programming languages. Our consensus was to use Node.js along with Express for our backend, then use Bootstrap and AngularJS to assist in creating the frontend. To summarize our discussion on our successes, we found that we had specific, yet similar ideas for the features and layout of the site. It was also apparent that we did well in setting up our Trello boards and were ahead of the game in managing our projects. In our next sprint, we will be building our database and setting up a basic frontend/backend so that we can have a simple working project. We'd like to split up work so that we can each focus on making our part great while still communicating with each other often so that we can create our unified view of the site.