

Requirements

TECHNOLOGIES

- Java/Spring
- H2
- PostgreSQL
- Hibernate
- Angular JS
- Bootstrap
- Google Maps API
- Magic Seaweed API
- World Tides API

SIGN UP/ LOGIN/ LOGOUT

- username
- password/password verification
- full name
- phone number
- email address
- default city
- photo
- **USER STORY**
 - **VALUE STATEMENT:** As a user, I would like to be able to create an account so that I can login into SurfSUP to plan and coordinate surfing and paddleboarding sessions with other users.
 - **ASSUMPTIONS**
 - User either has an account to log into or creates one.
 - **ACCEPTANCE CRITERIA:**
 - User has a username/password to login
 - All of the users information is stored and displayed on a separate profile page.
 - Users have option to logout on any page they have navigated to.
 - Once user selects default city, this location info will be used on homepage to display that city's weather conditions.
 - **NOTES/WIREFRAMES**
 - Wireframe that displays all necessary input fields to create account and to login.

SurfSUP

Login

Enter Username

Enter Password

☐ Remember me

SUBMIT

SIGN UP

SIGN UP

First Name Last Name

Email

Phone Default Location

Username

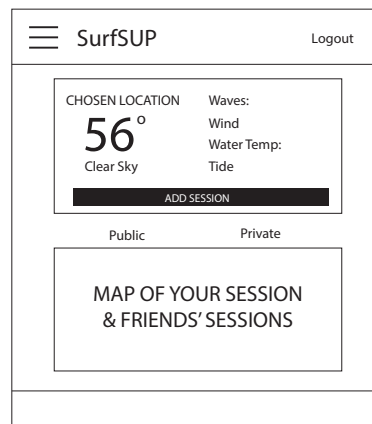
Password Reenter Password

Upload Photo

CREATE

CURRENT CONDITIONS

- Air temp
- Water temp
- Wave size
- Wind speed & direction
- TECHNICAL
 - Magic Seaweed API
- **USER STORY**
 - **VALUE STATEMENT:** As a surfer/paddle boarder when I login, I want to be able to see the current weather and water conditions for the location I entered when I created my account.
 - **ASSUMPTIONS**
 - User has logged in
 - User has defined preferred location when creating account.
 - There is weather information for preferred location
 - **ACCEPTANCE CRITERIA:**
 - Current weather information for the user's preferred location displays on the homepage
 - **NOTES/WIREFRAMES**
 - Wireframe displaying graphical weather report for user's preferred location



ADD SESSION

- Choose Surfing or Paddleboarding
- Choose Private or Public
 - Public: displays events to *all* users
 - Private: displays events *only* to your friends
- Location (autocomplete using Google Maps API)
- Invite friends (*this feature is describe in more detail below*)
- Time

- Select from calendar
- TECHNICAL
 - Google Maps API
- USER STORY
 - **VALUE STATEMENT:** As a surfer or paddle boarder, I want to create and coordinate sessions so that I can either share them with all SurfSUP users or only my friends.
 - **ASSUMPTIONS**
 - User will know the location and time to select (i.e. they have to select options)
 - User will have friends to send invite to
 - Friends will be able to see newly added sessions
 - **ACCEPTANCE CRITERIA:**
 - User creates a session that includes information about chosen sport, location, time, and if they have invited any of their friends to join the session.
 - Invitation is sent to friends if user invites them.
 - **NOTES/WIREFRAMES**

ADD NEW SESSION

☐ SURFING ☐ OR ☐ SUP

☐ PUBLIC ☐ OR ☐ PRIVATE

LOCATION

TIME:

INVITE FRIENDS

INVITE FRIENDS TO SESSION

- Dropdown of friends to select invite to the session
- Message/notification is sent to friend and they have to accept in order to be added to the "joined" list.
- USER STORY
 - **VALUE STATEMENT:** As a surfer and paddleboarder, I want to be able to invite my friends to join me for a session.
 - **ASSUMPTIONS**
 - User has friends to invite
 - **ACCEPTANCE CRITERIA:**
 - A dropdown of all the users friends to select from
 - Can select multiple friends to invite to the session

- Notification is sent to that friend to accept the invite

SESSION ACTIVITY

- Display friends' and your planned sessions
- Edit/Delete your own session
- Join a friend's session
- Display today's sessions first and all future sessions after (i.e. separate sections).
- **USER STORY**
 - **VALUE STATEMENT:** I want to be able to see who of my friends is surfing/SUP and where and when they are going, and the ability to join one of their sessions. I also need to be able to delete or edit my own session.
 - **ASSUMPTIONS**
 - You have friends to see their planned sessions
 - Either you or your friends have added a session
 - **ACCEPTANCE CRITERIA:**
 - When viewing session page, you should be able to see all friends' current and future sessions.
 - User also has ability to join current and future sessions of friends.
 - Users can delete/edit their planned sessions on this page.
 - **NOTES/WIREFRAMES**

☰	SurfSUP	Logout
TODAY'S ACTIVITIES		
JUSTIN going SURFING @ 7PM IOP		
JOIN		
FUTURE ACTIVITIES		
KEATON going SURFING @ 7PM IOP		
4/8/16		JOIN
BAILEY going SUPING @ 7PM IOP		
4/10/16		JOIN

SEARCH & ADD FRIENDS

- Search by username
- Add particular users to your friends list
- Click user's profile which will take you to a new page that displays that user's profile page.

- USER STORY

- **VALUE STATEMENT:** As a user, I would like be able to search for other surfers and paddle boarders and add them as friend. This would enable me to share my session activity with my friends and invite them to join sessions.
- **ASSUMPTIONS**
 - Other people have created an account
- **ACCEPTANCE CRITERIA:**
 - When searching to find friends, you should be able to see their profile and have the option to add them to your friends list.
- **NOTES/WIREFRAMES**

FRIENDS LIST

- Alphabetically list all of your current friends by username
- Remove friends
- Click friends to see full profile
- **USER STORY**
 - **VALUE STATEMENT:** I want to see full list of all my friends so that I know who I can share my session activity with and whose session activity I can see.
 - **ASSUMPTIONS:**
 - Friends have been added
 - **ACCEPTANCE CRITERIA:**
 - See a list of all the friends you have added.
 - Remove friends
 - **NOTES/WIREFRAMES**

☰ SurfSUP		Logout
<input type="text" value="Search Users"/>		
<input type="checkbox"/>	Username	X
<input type="checkbox"/>	Username	X
<input type="checkbox"/>	Username	X

FAVORITE SPOTS

- List all of users favorite spots to surf or paddleboard
 - Locations will be added to a list, which can be accessed on users profile page.
 - Each location has a record of how many times you visit that spot
 - S
 - **USER STORY**
 - **VALUE STATEMENT:** I want to be able save my favorite locations and see all of them at once on a map. Also want my friends to be able to know the locations I like to visit the most.
 - **ASSUMPTIONS:**
 - user is logged in
 - user has saved favorite spots
 - **ACCEPTANCE CRITERIA:**
 - User is able to save favorite spots
 - All of users favorite spots are displayed on profile page
 - **NOTES/WIREFRAMES**
 - A wireframe with Google Maps displaying all of user's favorite spots
-

DISPLAY SESSIONS ON GOOGLE MAP

- Display user's and friends' sessions on a google map on main homepage (logged in)
- When you hover/click pinned spot, a tooltip pops up displaying information about that session (time, location, and other people who have joined session)
- S
- **USER STORY:**
 - **VALUE STATEMENT:** I want to be able to see all my own and friends' sessions displayed visually on a map, so that when I hover/click on the pinned location, I can get information about that session.
 - **ASSUMPTIONS:**
 - user is logged in
 - user has friends
 - user has created own events
 - **ACCEPTANCE CRITERIA:**
 - user and user's friends session display on google map
 - hover/click on pinned location and information about that session pops up

STRETCH GOALS

- checkin functionality (drops pin on your geolocation)
- upload photos for sessions
- custom alerts based on conditions
- extended wave and weather forecast
- shark locator