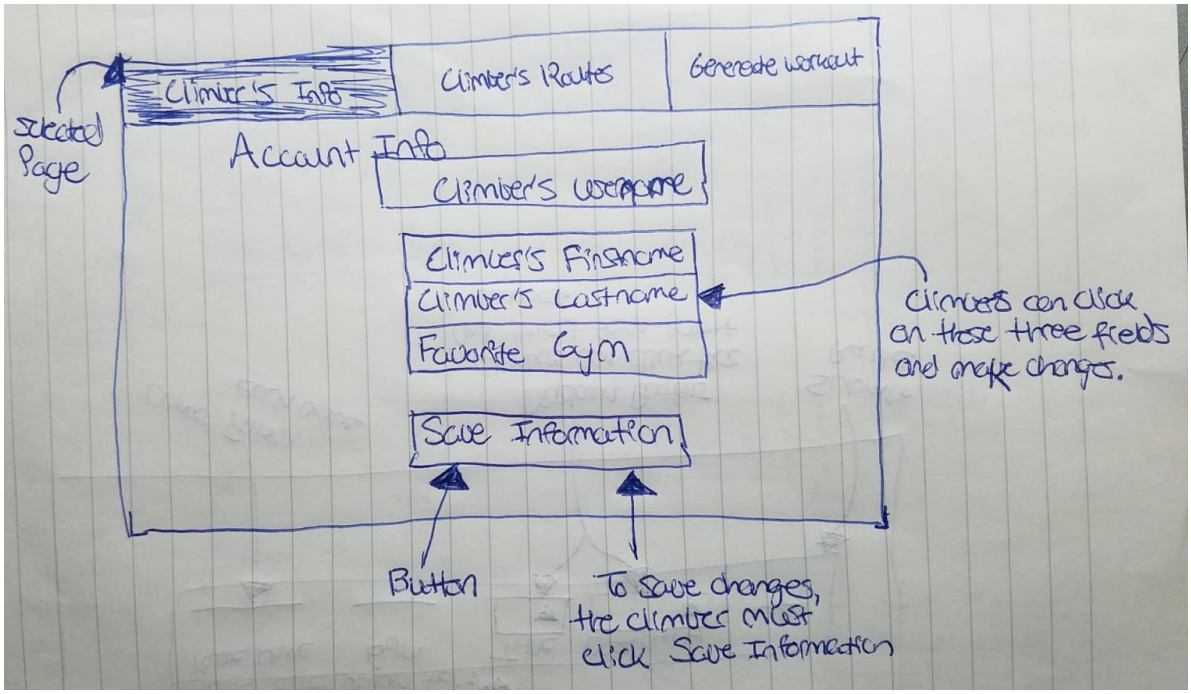
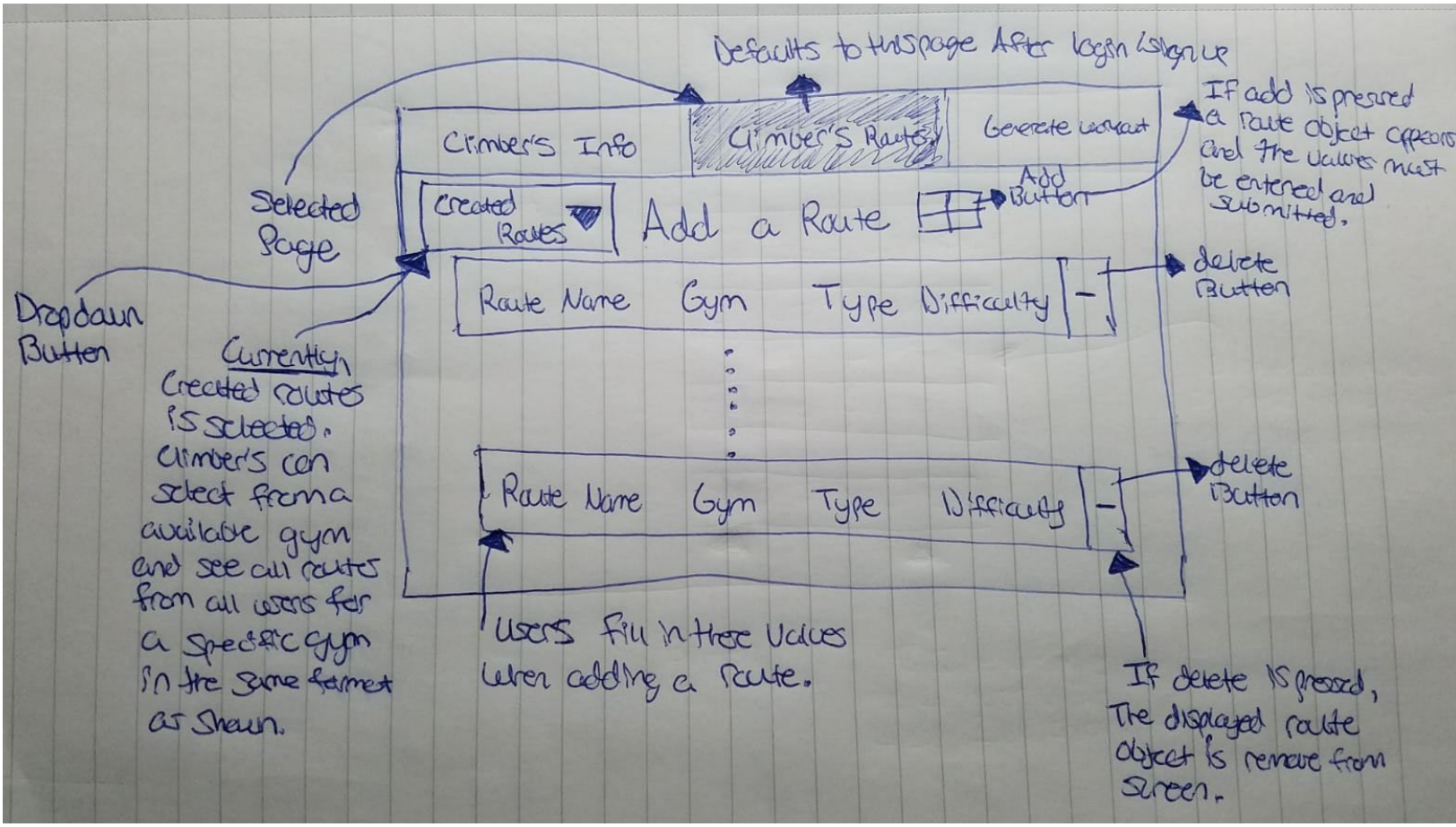
Name: Jacob Hallberg
Title: Flash
Project Summary: Flash is a web application that gives Climber's a convenient way to track their climbing progress, rate a route's difficulty/type, and generate Climber tailored climbing sessions. Flash allows Climbers to sign up, login/logout, add personal information, add climbing routes, add route difficulty, add route type, view aggregated route data for a climbing gym, add their climbing weaknesses, and generate climbing sessions.
Project Requirements:

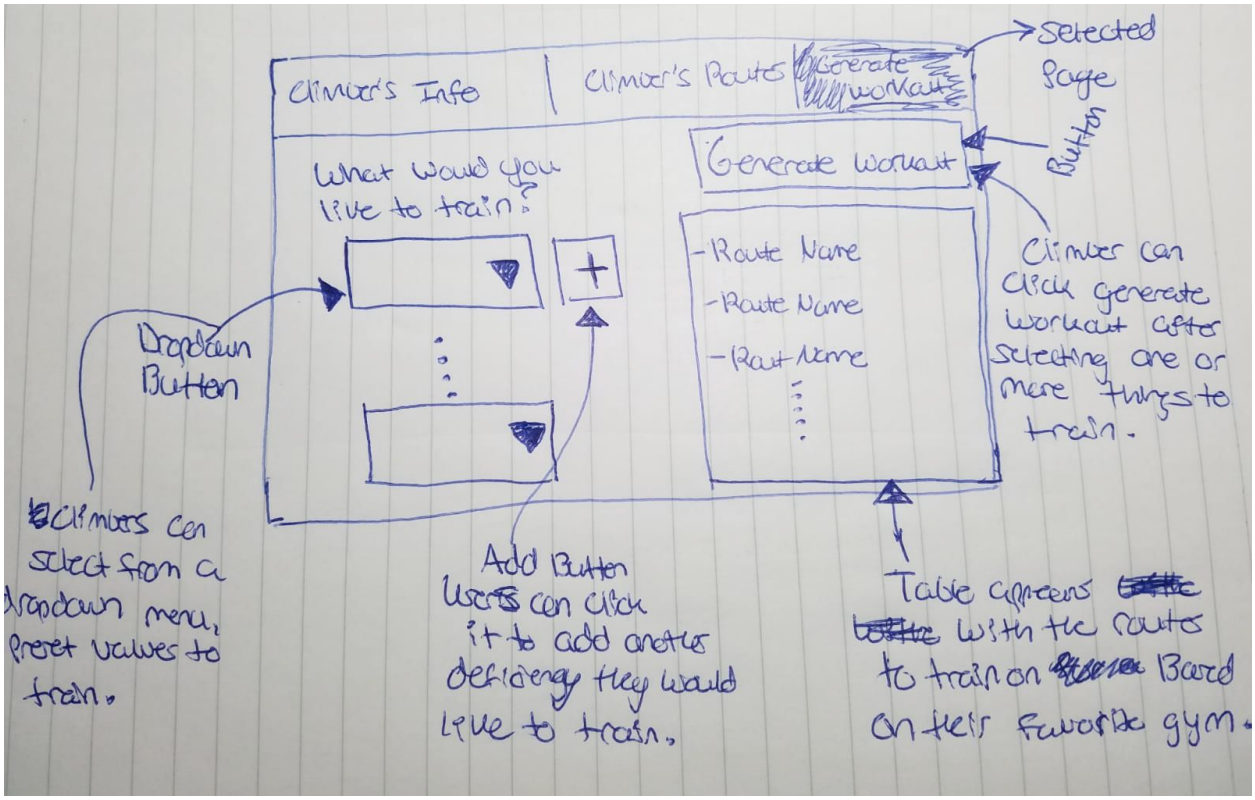
Requirement ID	Actor	Requirement	Description
U01	Climber	Climber can add personal information.	Climber will be able to add personal info so that the application can better generate workouts.
U02	Climber	Climber can add/undo climbing routes.	Climber can add/remove a climbing route, so that they can keep track of their progress.
U03	Climber	Climber can add route difficulty/type to a route.	After a route is uploaded, Climbers can add what they think of the difficulty(easy, hard, etc.) compared to the actual difficulty, so that they can measure their progress.
U04	Climber	Climber can view route data for a specific gym.	A climber can select a gym, so that they can view all of the aggregated route data for that gym.
U05	Climber	Climber can add/undo their climbing deficiencies.	A climber can add which parts of climbing they are bad at out of a selection

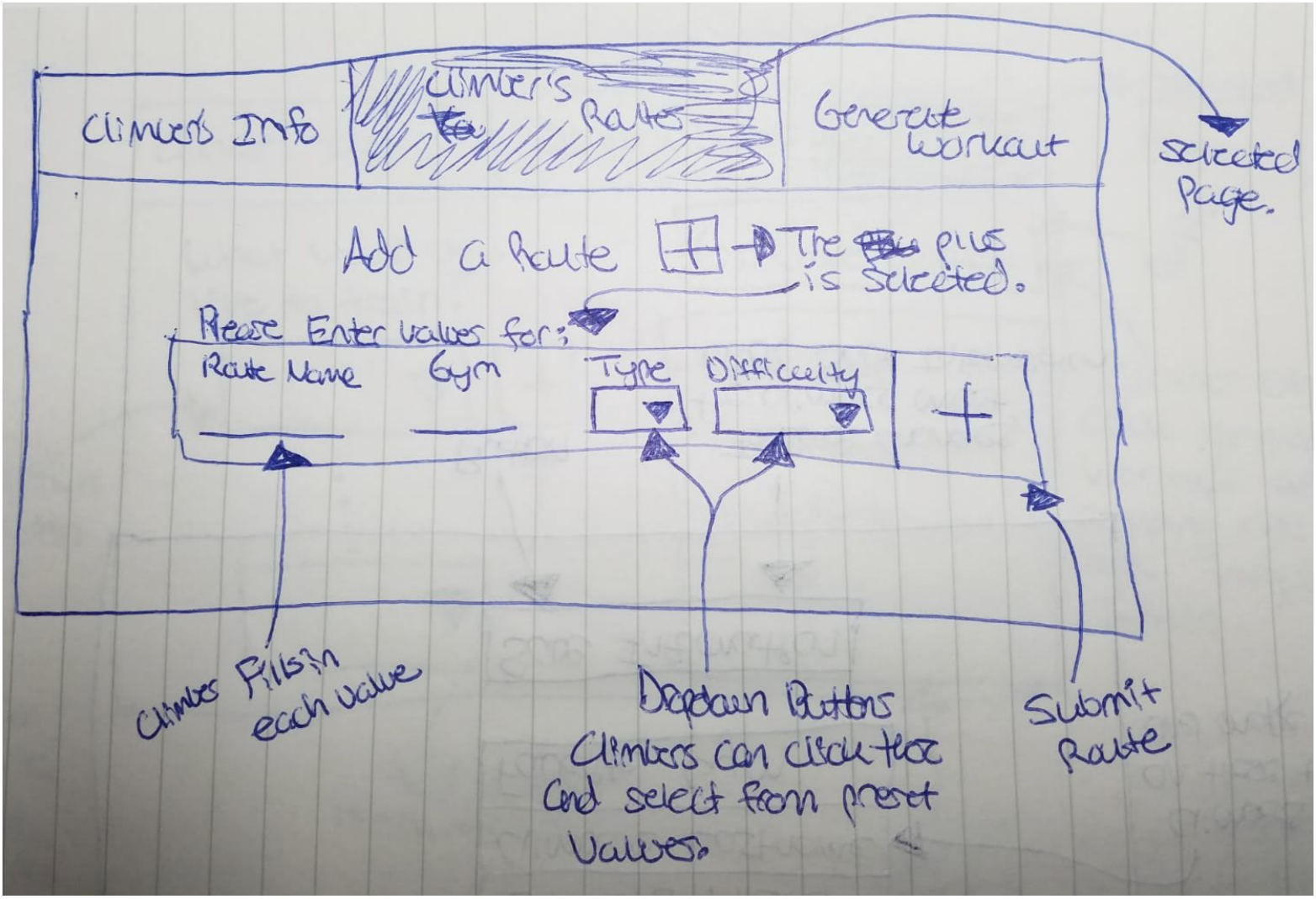
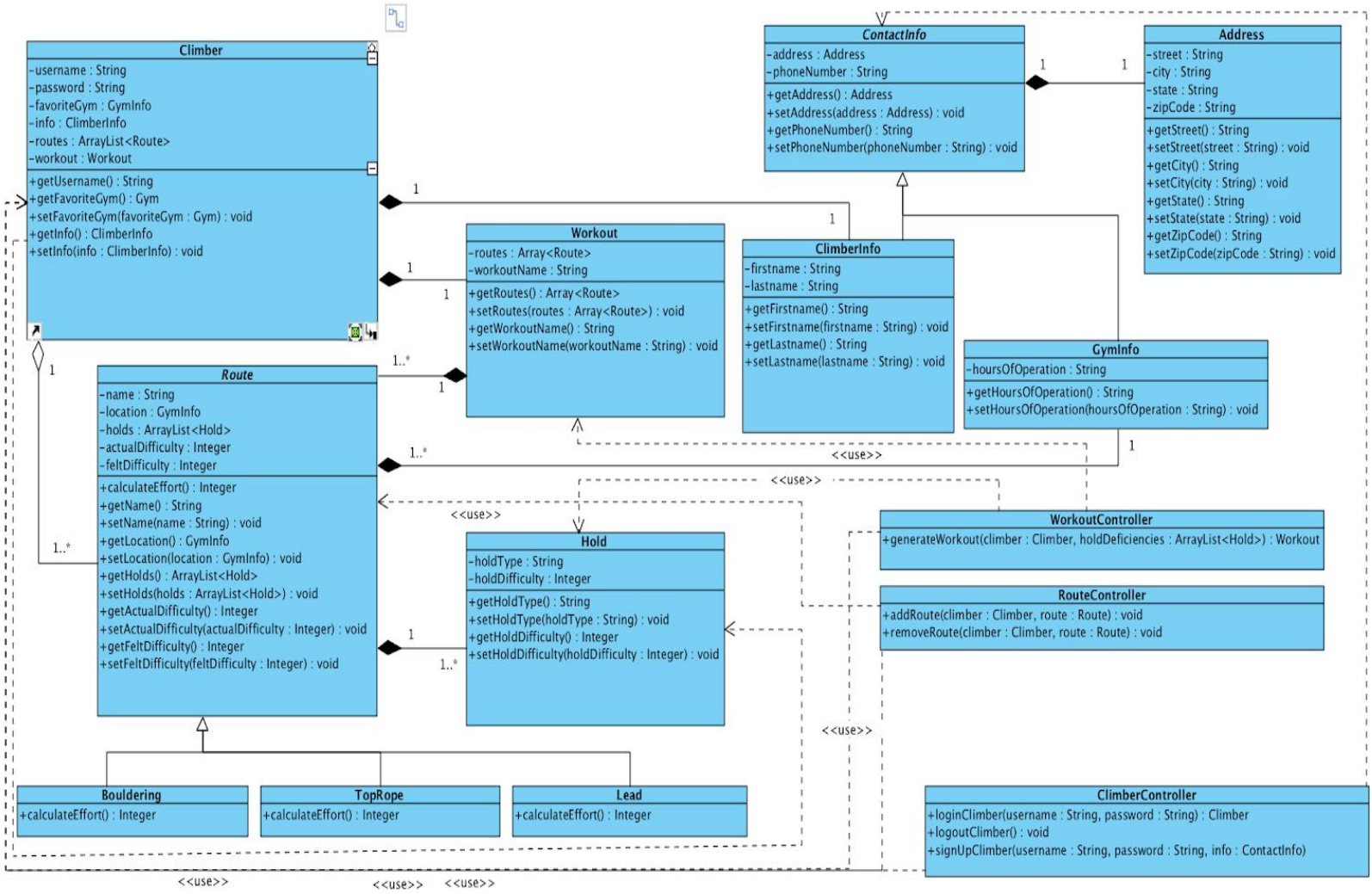
			of options, so that efficient workouts can be generated.
U06	Climber	Climber can generate workout.	A climber can generate workouts using their deficiencies as input, so that they can improve their climbing ability.

UI Mockups:




Defaults to this page After login/sign up
Climber's Info
Climber's Routes
Generate workout
Created Routes
Add a Route
Add Button
If add is pressed a Route object appears and the values must be entered and submitted.
Selected Page
Dropdown Button
Route Name Gym Type Difficulty
delete Button
Currently Created routes is selected. Climbers can select from available gyms and see all routes from all users for a specific gym in the same format as Shaun.
Route Name Gym Type Difficulty
delete Button
Users fill in these values when adding a route.
If delete is pressed, the displayed route object is remove from screen.


Climber's Info
Climber's Routes
Generate workout
Selected Page
Button
What would you like to train?
Generate Workout
-Route Name
-Route Name
-Route Name
Dropdown Button
Climber can click generate workout after selecting one or more things to train.
Climbers can select from a dropdown menu, preset values to train.
Add Button
Users can click it to add another discipline they would like to train.
Table appears with the routes to train on Board on their favorite gym.


Climbers Info
Climber's Routes
Generate workout
Selected Page.
Add a Route
The plus is selected.
Please Enter values for:
Route Name
Gym
Type
Difficulty
Climber Fills in each value
Dropdown Buttons Climbers can click box and select from preset values.
Submit Route

Class Diagram: