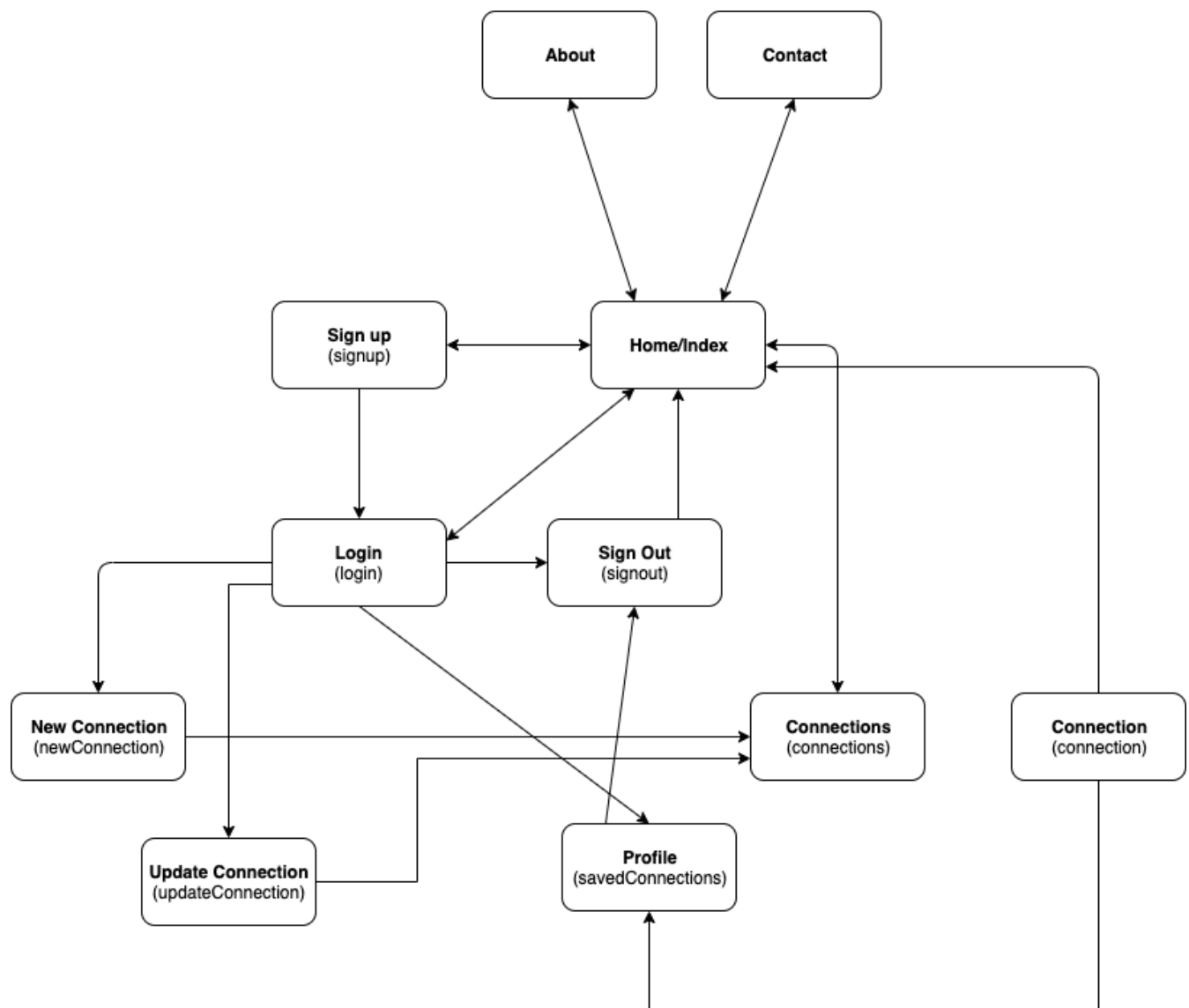


Requirements and Design

Project Overview: Charlotte Smash Ultimate is an application used to allow local users in the charlotte area to participant in events, through making connections. Users are able to first create an account, then log into their own personal connections that they make on their profile. Users are able to save connections into their profile and decide on going to the event. Users are also able to add a connection into the connections page and also delete connections made, this allows for new events to be added into the connections page. Users here are able to schedule their event based off a topic, name, date and location.

Site Map:



Page Design:

Index

Purpose: Serves as homepage

Audience: General Users & Registered Users

Data Fields: No

Validations: None

Buttons & Hyperlinks and Action: None

Connections

Purpose: Holds a list for all connection in the database

Audience: General Users & Registered Users

Data Fields: Holds data for Topic and cid(Connection ID)

Validations: None

Buttons & Hyperlinks and Action: Links to a single connection

Connection

Purpose: Holds a connection in the database

Audience: General Users & Registered Users

Data Fields: cid, topic, name, date, time, location, details and image. Also holds data for RSVP

Validations: None

Buttons & Hyperlinks and Action: Buttons for RSVP (Yes, No, Maybe)

About & Contact

Purpose: General information

Audience: General Users & Registered Users

Data Fields: None

Validations: None

Buttons & Hyperlinks and Action: None

Sign Up

Purpose: Create a new user in the database

Audience: General Users & Registered Users

Data Fields: firstName, lastName, emailAddress, username and password

Validations: Checks firstName, lastName, username, and password hold a sufficient amount of characters. Checks that email address fits the standard. Checks that the users are not all the same.

Buttons & Hyperlinks and Action: SignUp

Sign In (Login)

Purpose: Hold a profile for a user already in the database

Audience: Registered Users

Data Fields: username and password

Validations: Check that the username and password are in the database and when entered matches with the correct user.

Buttons & Hyperlinks and Action: Login

New Connection

Purpose: Users are able to create a new connection and add it into the database

Audience: Registered Users

Data Fields: Name, Topic, Date, Location, Details, hostid

Validations: Check for length of Name, Topic, Location and details. Also checks to make sure that date and time hold a custom value.

Buttons & Hyperlinks and Action: Create

Profile (savedConnections)

Purpose: Hold all users saved connections, and created connections

Audience: Registered Users

Data Fields: Name(connections saved & connections made), Topic(connections saved & connections made), cid, RSVP

Validations: None

Buttons & Hyperlinks and Action: Update RSVP & Delete, Update Connection, Delete Connection

Update Connection (updateConnection)

Purpose: User to update connection that they create

Audience: Registered Users

Data Fields: Name, Topic, Date, Location, Details, hostid

Validations: None

Buttons & Hyperlinks and Action: Update Connection

ER Diagram

