SW Engineering - CSC648/848
Spring 2020

Team 03
Milestone 3

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Milestone	Date
Milestone03 Version01	4/23/2020
Milestone02 Version02	4/15/2020
Milestone02 Version01	3/25/2020
MIlestone01 Version02	3/12/2020
Milestone01 Version01	3/5/2020

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Data Definitions V3

Data Entities	Details
User	**Description** - A general user that is browsing the internet. **Requirements** - Able to browse the internet **Sub-Data items** - name
Account	**Description** - An account that is unique to a user, which will be registered with email and password. **Requirements** - Account shall only be created with an SFSU email **Sub-Data items** - email - password
Unregistered User	**Description** - Users that are not registered with the site, able to browse through events and look at the information, but are unable to utilize some functions of Unigator, such as bookmarking the event and sharing it. **Requirements** - Can sign-up to become a registered user using their SFSU email. **Sub-Data items** - email
Registered User	**Description** - Users that are registered with the site with their SFSU email. Able to browse through events and save them into their own personal calendar and share the events with social media. Able to update their status whether they are attending the event. Every registered user will have a display name.

	Requirements - Able to report another user. **Sub-Data items** - name - email - password
Event	**Description** - Activities that are displayed on Unigator that takes place in SFSU. Every event will have to have a name and important information regarding the event; such as who the event host is, location, time, etc. An event can be of single occurrence or recurring. **Requirements** - An event host is needed - Needs to be approved by an Administrator - Needs to fall under at least one category. **Sub-Data items** - name - status - location - time - desc - date
Event Host	**Description** - A registered user that is hosting/registering a(n) event, and provides all the essential information of the event; such as date, time, location and description. Will also be the contact listed for said event. **Requirements** - Be able to provide necessary information about the event when requested. - Is able to create an event when desired **Sub-Data items** - name - email

RSVP List	**Description** - A list showing all registered users who plan to attend an event. A user can RSVP no multiple events even if there is a time conflict. **Requirements** - Based on it's own specific event. **Sub-Data items** - num_entries
Administrator	**Description** - A higher privilege user that oversees the site. Able to decide whether an event is to be listed or not. Able to ban users and send warnings. Moderates the site by utilizing special permissions only available to an admin account. Maintains the integrity of the site while keeping sure everything is in order. **Requirements** - Able to do anything a registered user can. - Able to view request list. - Able to respond to requests. - Able to request changes from a user/host. **Sub-Data items** - name - email - password
Category	**Description** - The categories that an event falls under. For example, an art gallery will be put under the 'Art' category. A recruiting event from a technology company would be under the 'Technology' category. **Requirements** - Choosable from predefined list. **Sub-Data items** - type - desc

Activity Points	**Description** - Every registered user will have their own wallet of Activity Points. These are points that act as a currency to be used in a point shop. Each profile represents a unique representation of a user. The profile can be customized with various options, options that can be purchased from the point shop page with earned activity points. Activity points are earned by interacting with the site and being active, example being checking the RSVP list and attending the event, bookmarking an event, and creating an event etc. **Requirements** - Able to be earned through specified activities on the website. - Able to be spent in the points shop. **Sub-Data items** - points
Host Points	**Description** - Every Host has a list of users that have attended any of their events. The host will be awarding points during their meetings for attendance or participation. These points will be used to reward attendees and increase events' attendees count. The host can enable this feature and these points are only specific to this specific hosts' store. **Requirements** - Is enabled by Event Host **Sub-Data items** - points

Functional Requirements V3

Priority 1

Requirements
1) Unregistered Users
1.1) Unregistered Users shall be able to sign up with their SFSU email.
1.2) Unregistered Users shall be able to browse through the event list.
1.3) Unregistered Users shall be able to see all the essential information about an event.
1.4) Unregistered Users shall be able to filter the event list.
1.5) Unregistered Users shall be able to view past events.
1.6) Unregistered Users shall be able to subscribe to Category for updates
2) Registered Users
2.1) Registered Users shall be able to log in with their account.
2.2) Registered Users shall be able to log out of their account.
2.3) Registered Users shall have a name (first name and last name).
2.4) Registered Users shall be able to browse through the event list.
2.5) Registered Users shall be able to filter the event list.
2.6) Registered Users shall be able to see all the essential information about the event.
2.7) Registered Users shall be able to view the email of event hosts.
2.8) Registered Users shall be able to view past events.
2.9) Registered Users shall be able to bookmark/star an event.
2.10) Registered Users shall be able to un-bookmark/un-star an event.
2.11) Registered Users shall be able to RSVP to an event.

2.12) Registered Users shall be able to un-RSVP to an event.
2.13) Registered Users shall be able to view an event's RSVP list.
2.14) Registered Users shall be able to edit their profile.
2.15) Registered Users shall be able to view a user's profile.
2.16) Registered Users shall be able to become host.
2.17) Registered Users shall be able to earn activity points.
2.18) Registered Users shall be able to view the points shop.
2.19) Registered Users shall be able to purchase from the points shop.
2.20) Registered Users shall be able to switch to previous options in the points shop.
3) Administrators
3.1) Administrators shall be able to log in with their account.
3.2) Administrators shall be able to log out of their account.
3.3) Administrators shall be able to view event requests.
3.4) Administrators shall be able to approve an event request.
3.5) Administrators shall be able to reject an event request.
3.6) Administrators shall be able to remove an event.
3.7) Administrators shall be able to see all the information about an event.
3.8) Administrators shall be able to view the email of event hosts.
3.9) Administrators shall be able to view past events.
3.10) Administrators shall be able to ban a registered user.
3.11) Administrators shall have all purchases in the point shop unlocked.
3.12) Administrators shall be able to request/demand changes to an event.
3.13) Administrators shall have all the functionality of a registered user.

4) Event Host
4.1) Event Host shall be a registered user.
4.2) Event Host shall be able to create an event.
4.3) Event Host shall be able to edit the event that they are hosting.
4.4) Event Host shall be able to remove the event that they are hosting.
4.5) Event Host shall have the same functionality as a registered user.
4.6) Event Host shall be able to enable host points feature.
4.7) Event Host shall be able to grant RSVPed users host points

Priority 2

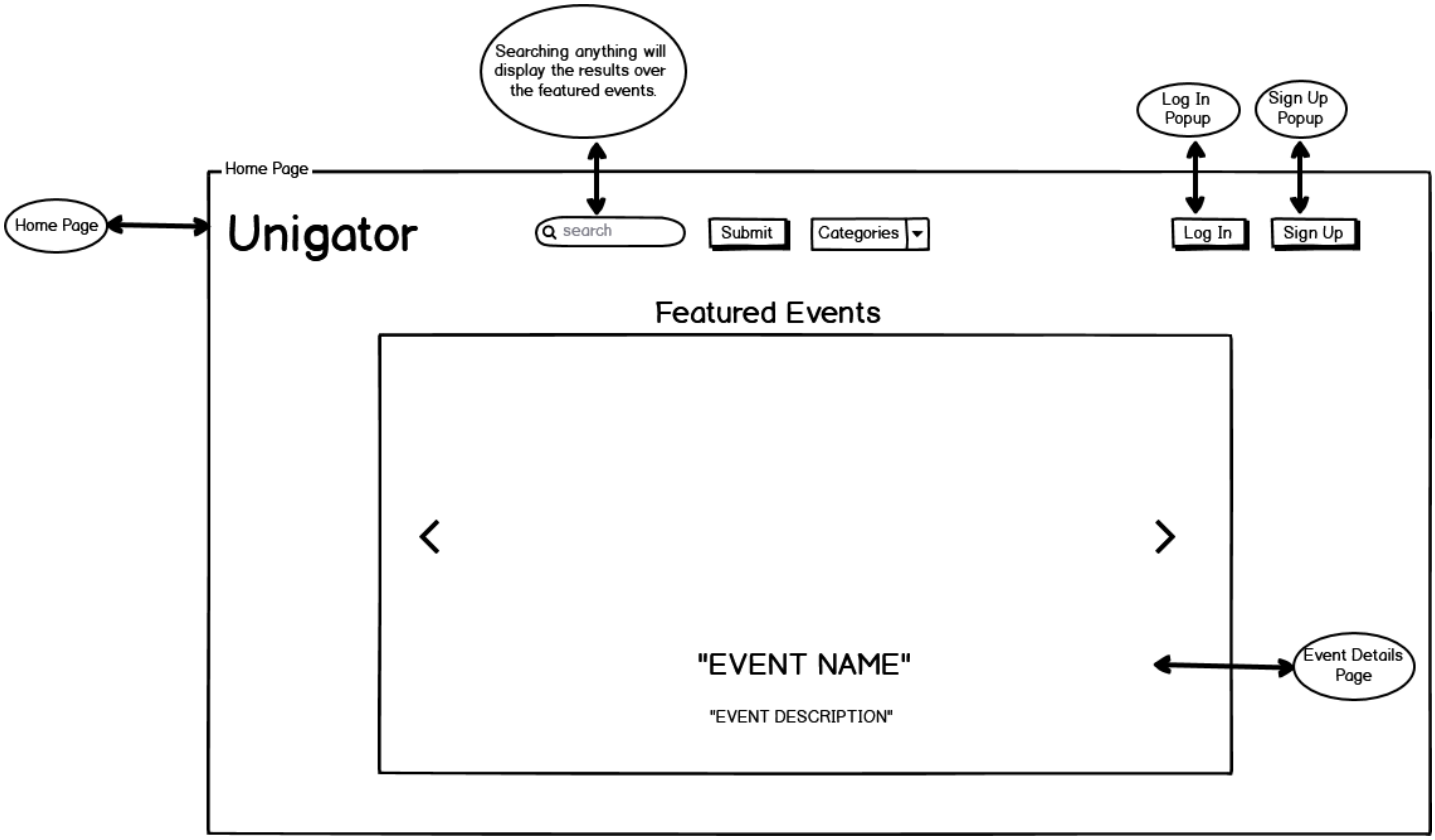
Requirements
1) Unregistered Users
1.1) Unregistered Users shall be able to view the points shop.
2) Registered Users
2.1) Registered Users shall be able to request to change their name.
2.2) Registered Users shall be able to report a(n) event.
2.3) Registered Users shall be able to report a(n) user.
2.4) Registered Users shall be able to utilize the personal calendar function.
2.5) Registered Users shall be able to share with their social media.
3) Administrators
3.1) Administrators shall be able to view all requests from users to change their username.
3.2) Administrators shall be able to approve a user’s request to change their username.

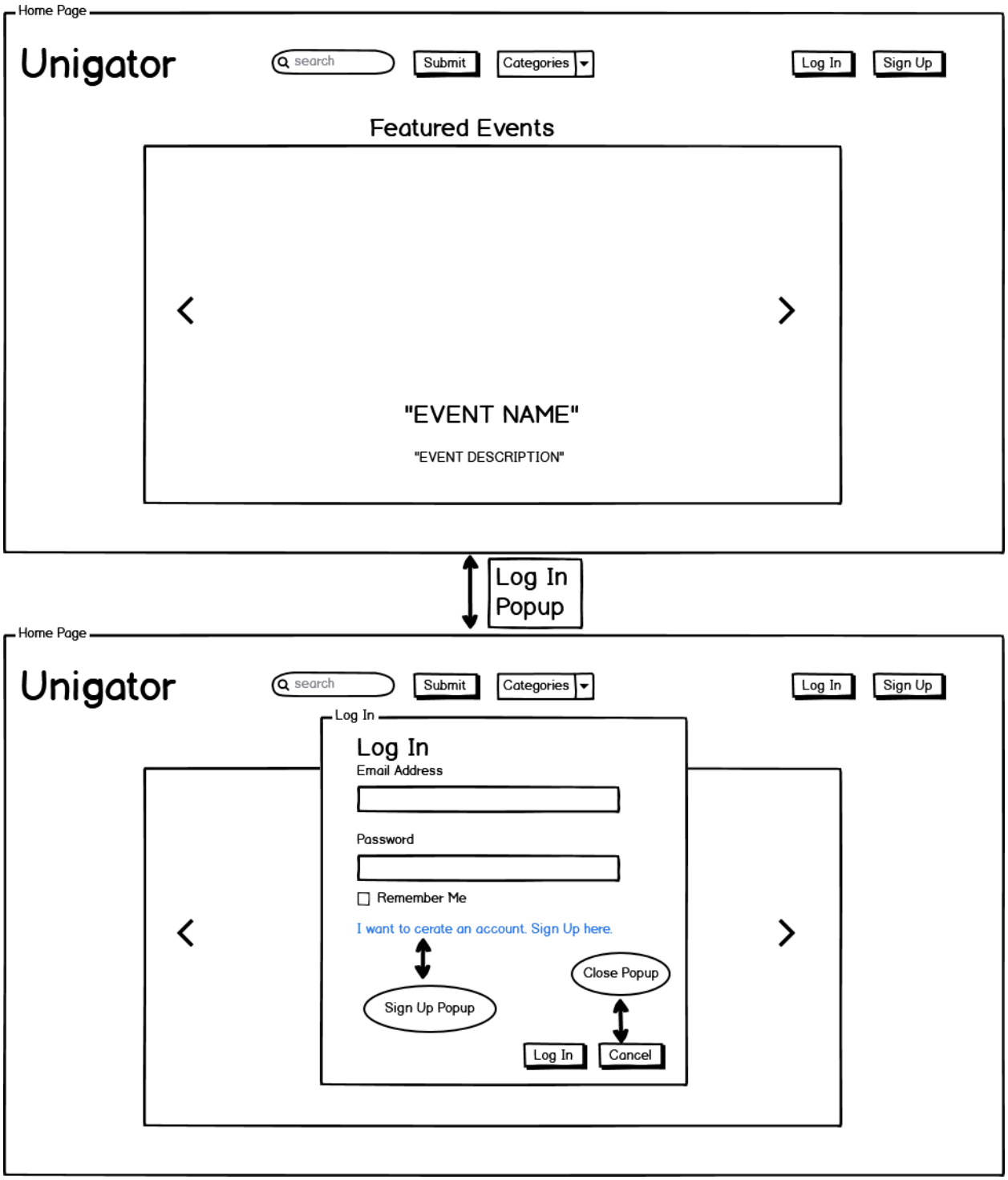
3.3) Administrators shall be able to deny a user's request to change their username.
3.4) Administrators shall be able to change any registered user's username.
3.5) Administrators shall be able to request a user make changes to their profile.
3.6) Administrators shall be able to view reported events.
3.7) Administrators shall be able to view reported users.
4) Event Host
4.1) Event Host shall be able to request special changes from the Administrator.
4.2) Event Host shall be able to transfer/assign a new event host.

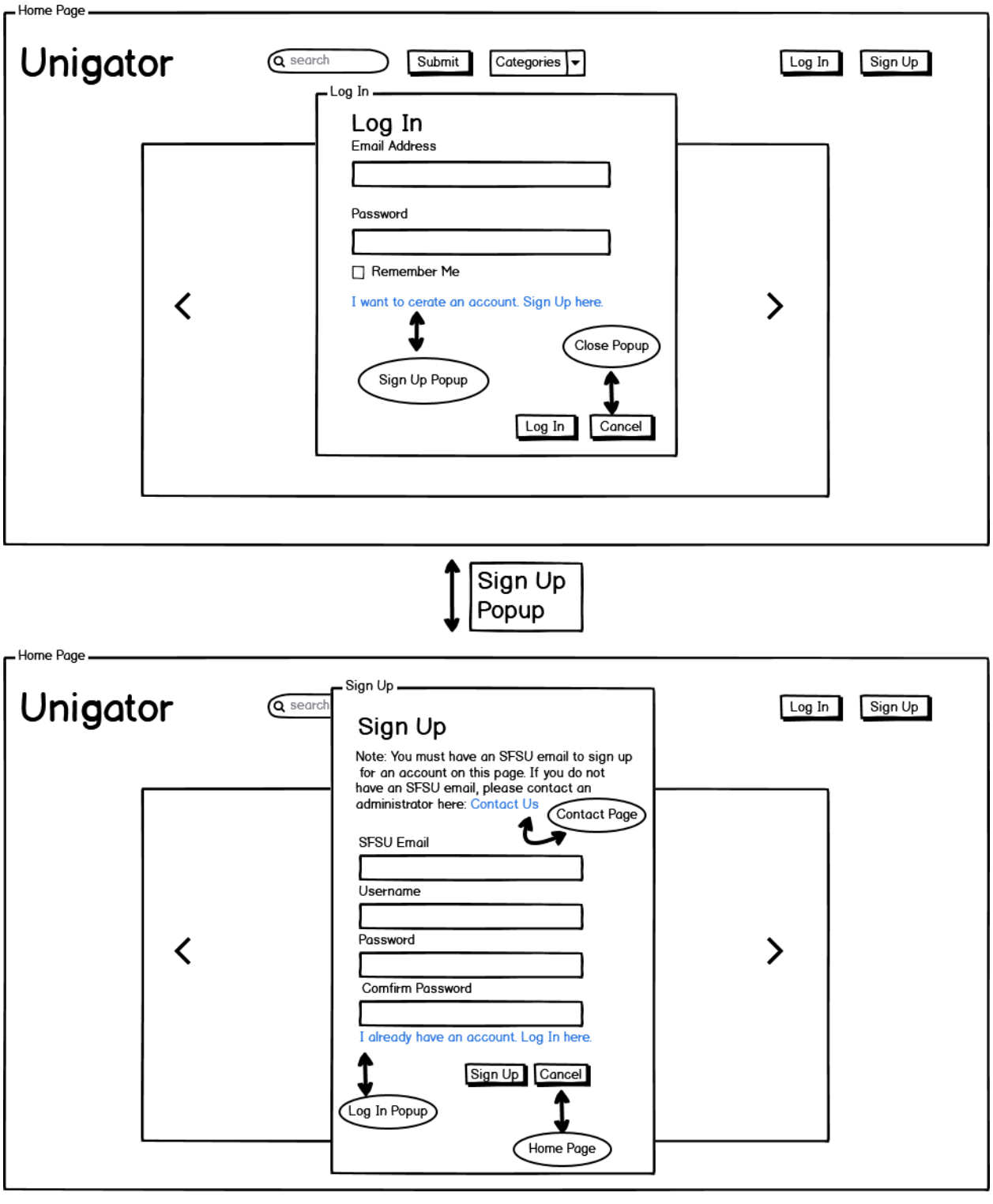
Priority 3

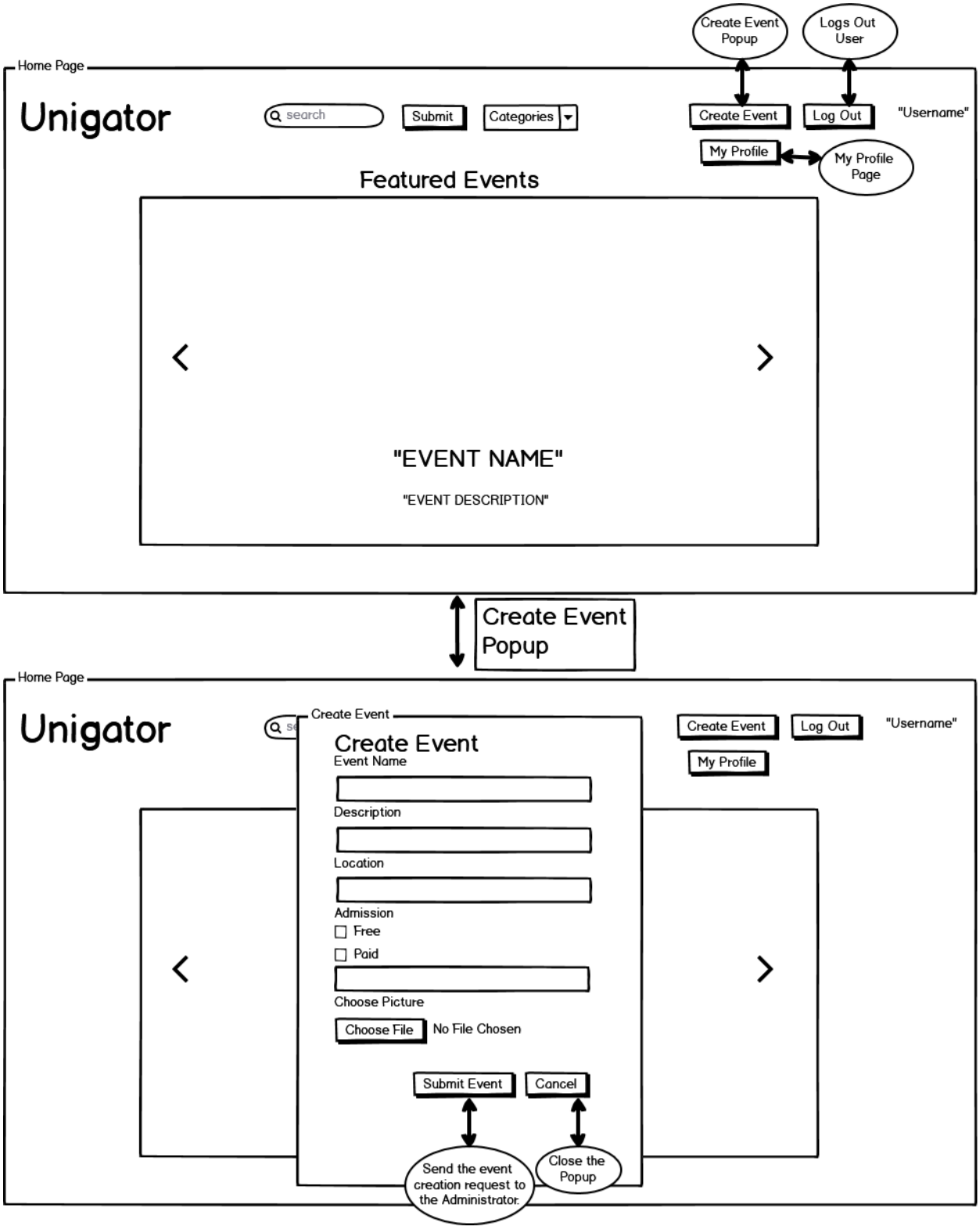
1) Unregistered Users
1.1) Unregistered Users shall be able to make a request to an Admin to create an account without an SFSU email.
3) Administrators
3.1) Administrators shall be able to view all requests to use a non-SFSU email to register.
3.2) Administrators shall be able to approve a request to use a non-SFSU email to register.
3.3) Administrators shall be able to deny a request to use a non-SFSU email to register.

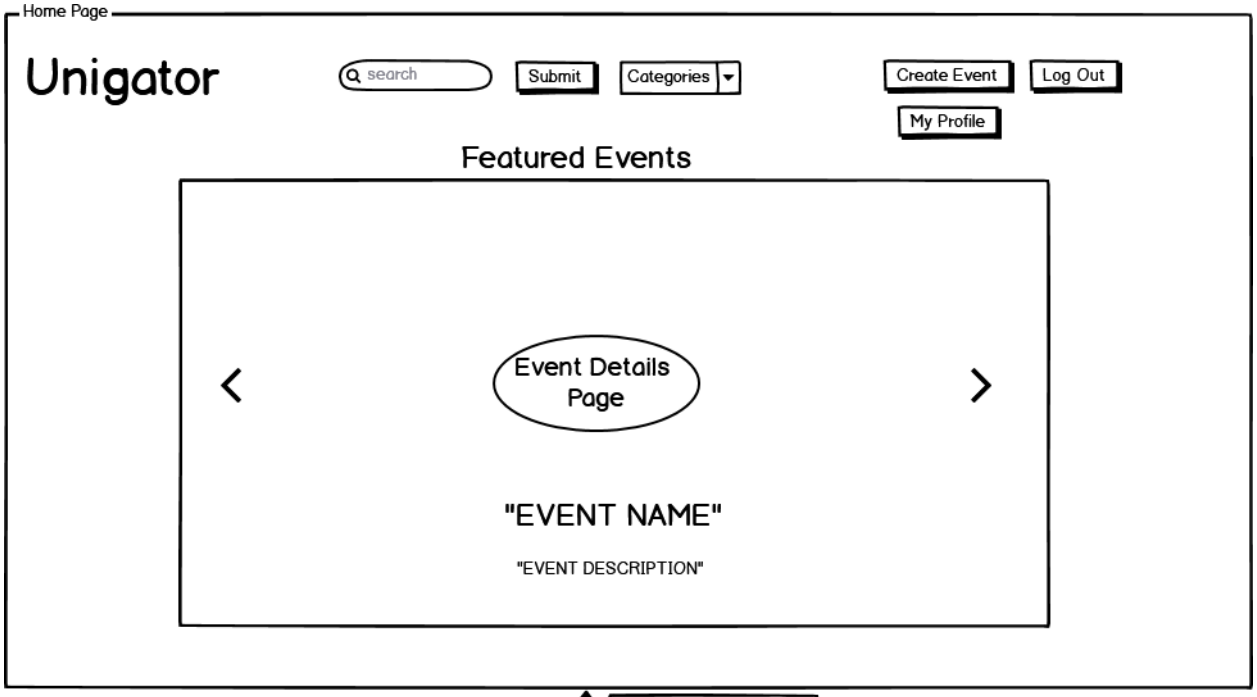
Wireframes Based on your Mockups/Storyboards V2

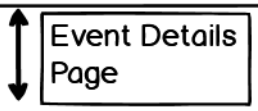


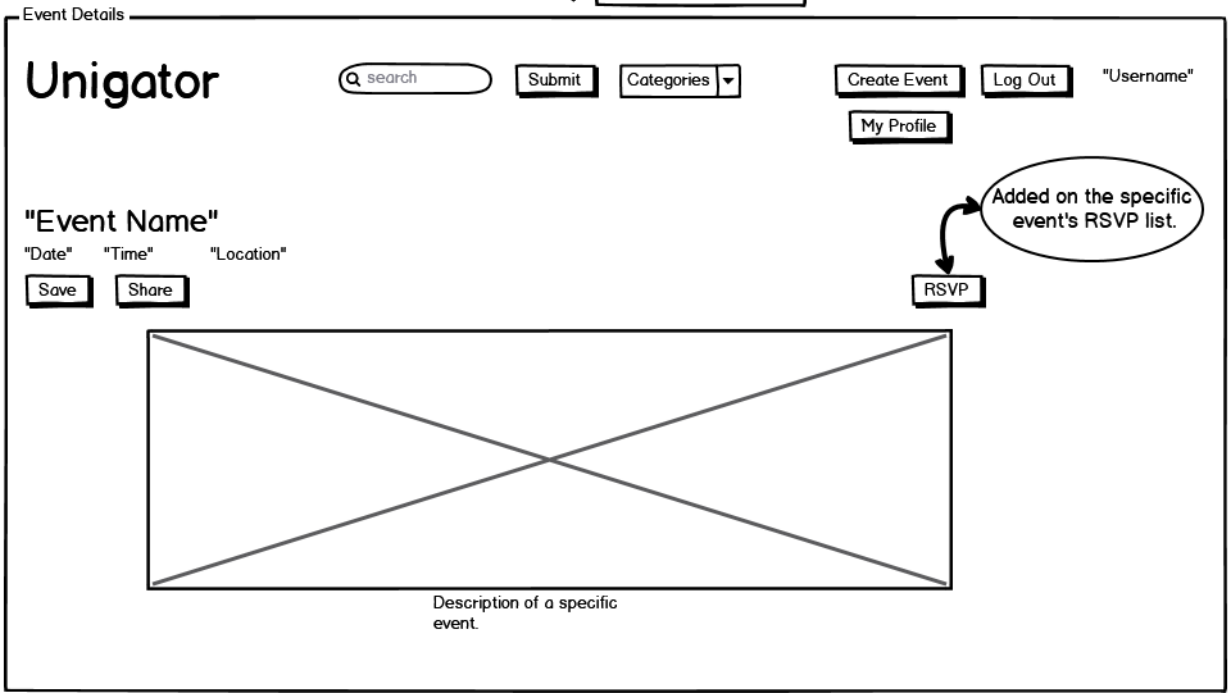

Home Page
Unigator
search
Submit
Categories
Log In
Sign Up
Featured Events
"EVENT NAME"
"EVENT DESCRIPTION"
Log In Popup
Home Page
Unigator
search
Submit
Categories
Log In
Sign Up
Log In
Log In
Email Address
Password
Remember Me
I want to cerate an account. Sign Up here.
Sign Up Popup
Close Popup
Log In
Cancel

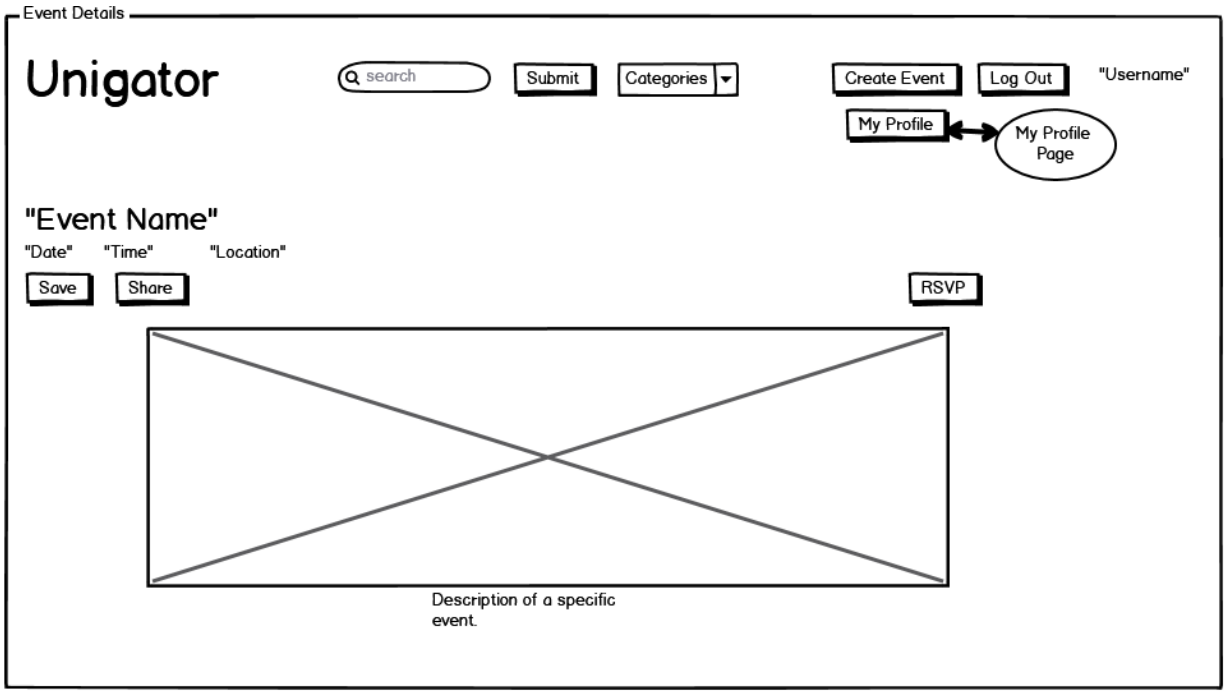

Home Page
Unigator
search
Submit
Categories
Log In
Sign Up
Log In
Log In
Email Address
Password
Remember Me
I want to cerate an account. Sign Up here.
Sign Up Popup
Close Popup
Log In
Cancel
Sign Up Popup
Home Page
Unigator
search
Log In
Sign Up
Sign Up
Sign Up
Note: You must have an SFSU email to sign up for an account on this page. If you do not have an SFSU email, please contact an administrator here: Contact Us
Contact Page
SFSU Email
Username
Password
Comfirm Password
I already have an account. Log In here.
Log In Popup
Sign Up
Cancel
Home Page


Create Event Popup
Logs Out User
Home Page
Unigator
search
Submit
Categories
Create Event
Log Out
"Username"
My Profile
My Profile Page
Featured Events
"EVENT NAME"
"EVENT DESCRIPTION"
Create Event Popup
Home Page
Unigator
Create Event
Create Event
Log Out
"Username"
My Profile
Event Name
Description
Location
Admission
Free
Paid
Choose Picture
Choose File
No File Chosen
Submit Event
Cancel
Send the event creation request to the Administrator.
Close the Popup

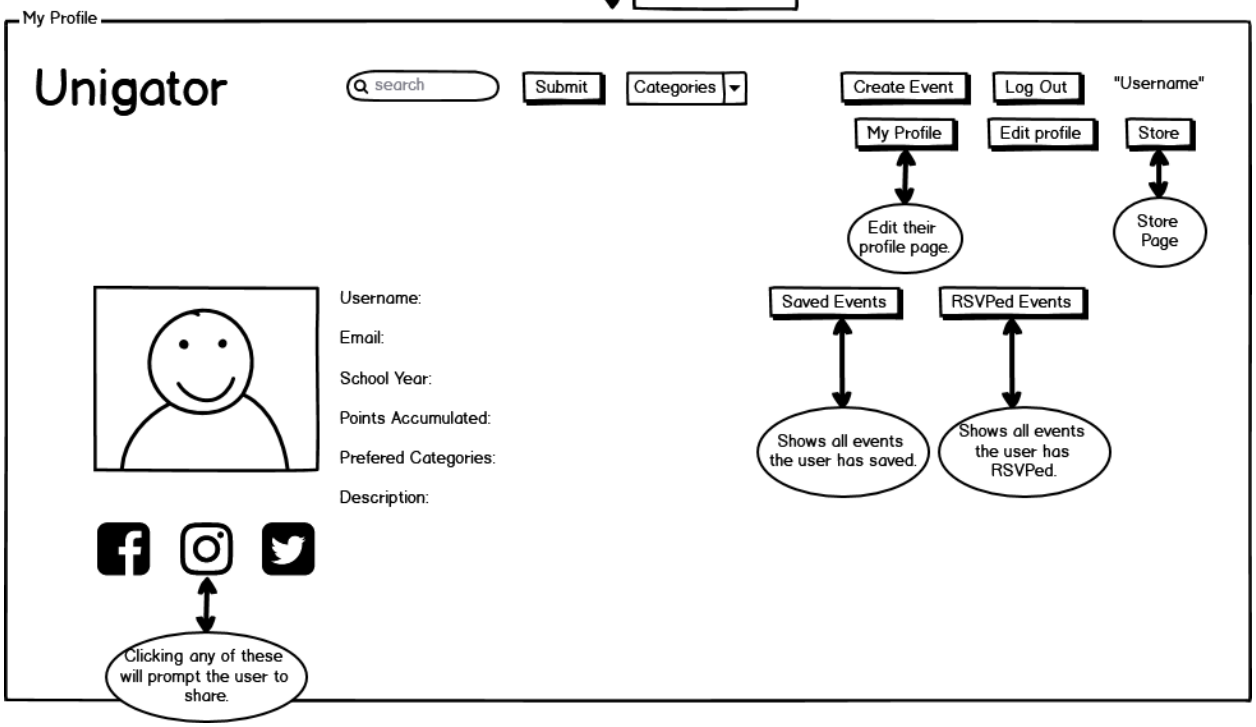

Home Page
Unigator
search
Submit
Categories
Create Event
Log Out
My Profile
Featured Events
Event Details Page
"EVENT NAME"
"EVENT DESCRIPTION"

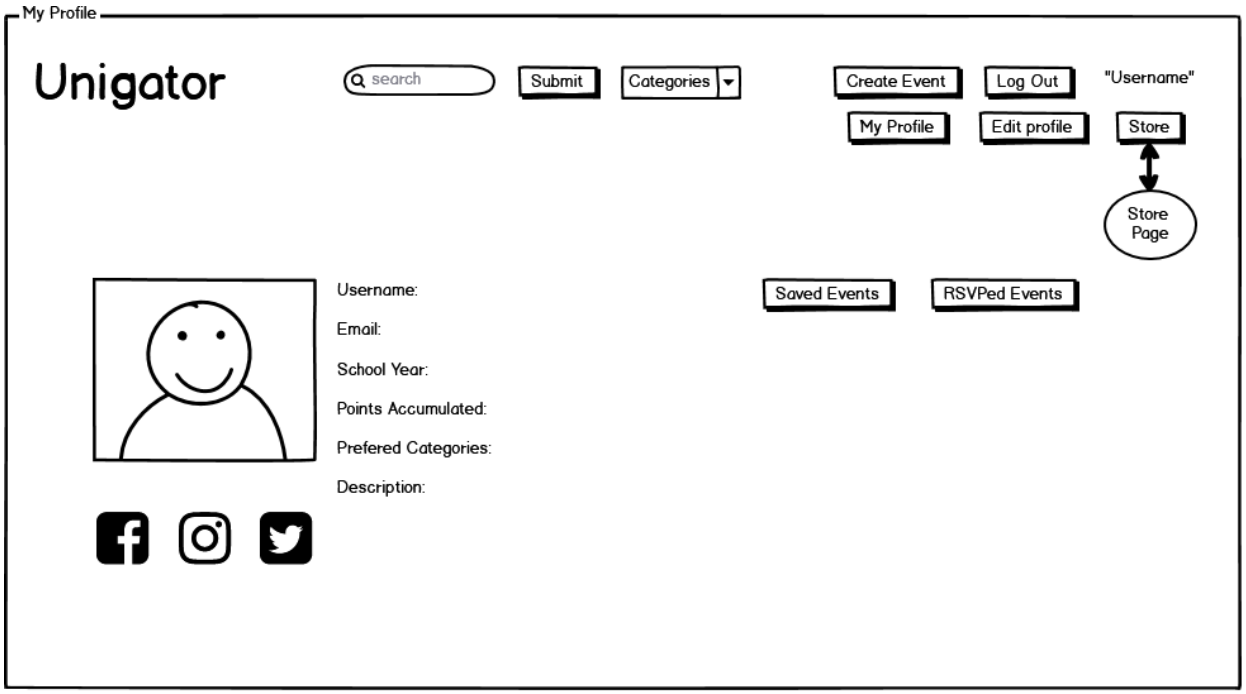

Event Details Page


Event Details
Unigator
search
Submit
Categories
Create Event
Log Out
"Username"
My Profile
"Event Name"
"Date"
"Time"
"Location"
Save
Share
Added on the specific event's RSVP list.
RSVP
Description of a specific event.

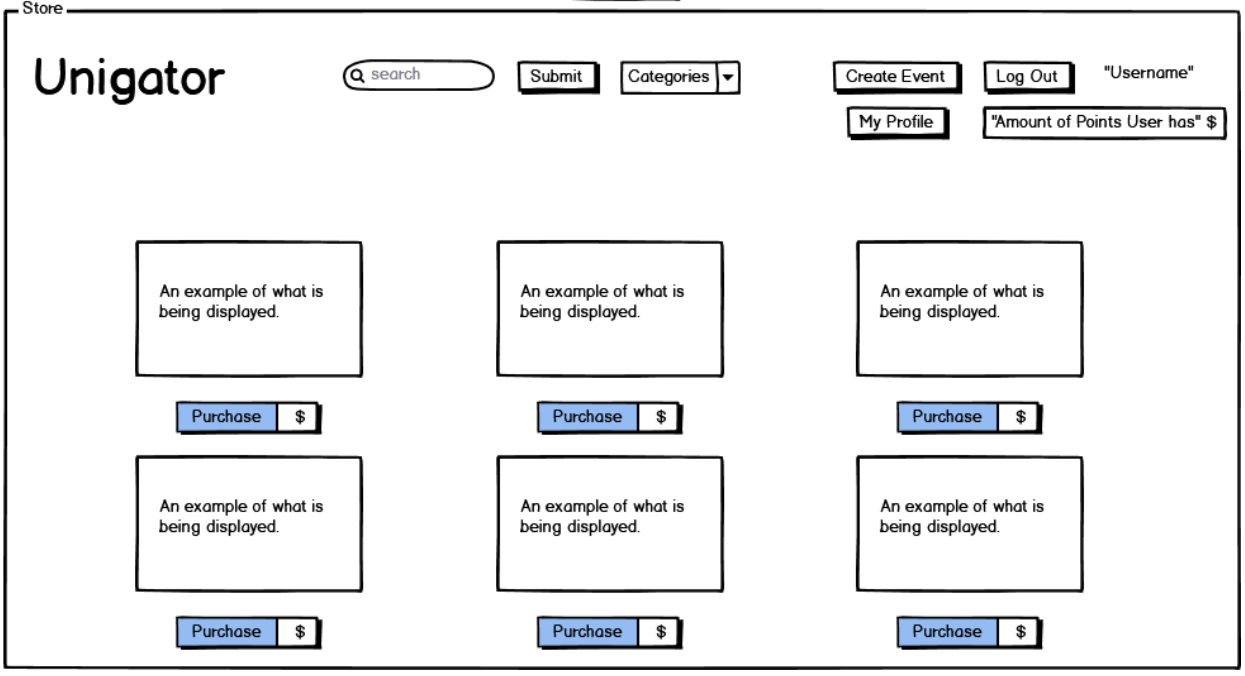

Event Details
Unigator
search
Submit
Categories
Create Event
Log Out
"Username"
My Profile
My Profile Page
"Event Name"
"Date"
"Time"
"Location"
Save
Share
RSVP
Description of a specific event.

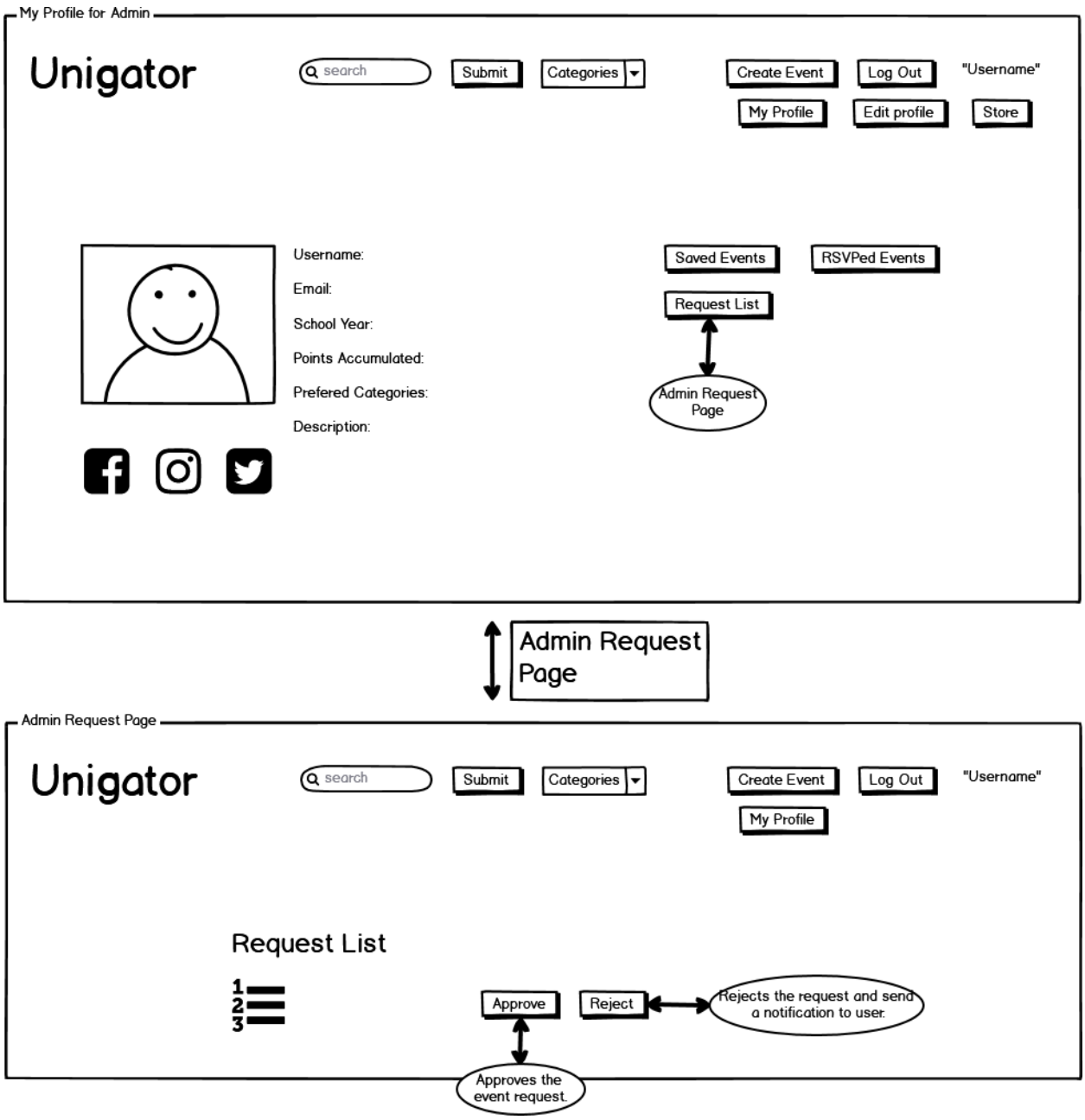
My Profile Page


My Profile
Unigator
search
Submit
Categories
Create Event
Log Out
"Username"
My Profile
Edit profile
Store
Edit their profile page.
Store Page
Username:
Email:
School Year:
Points Accumulated:
Prefered Categories:
Description:
Saved Events
RSVPed Events
Shows all events the user has saved.
Shows all events the user has RSVPed.
Clicking any of these will prompt the user to share.

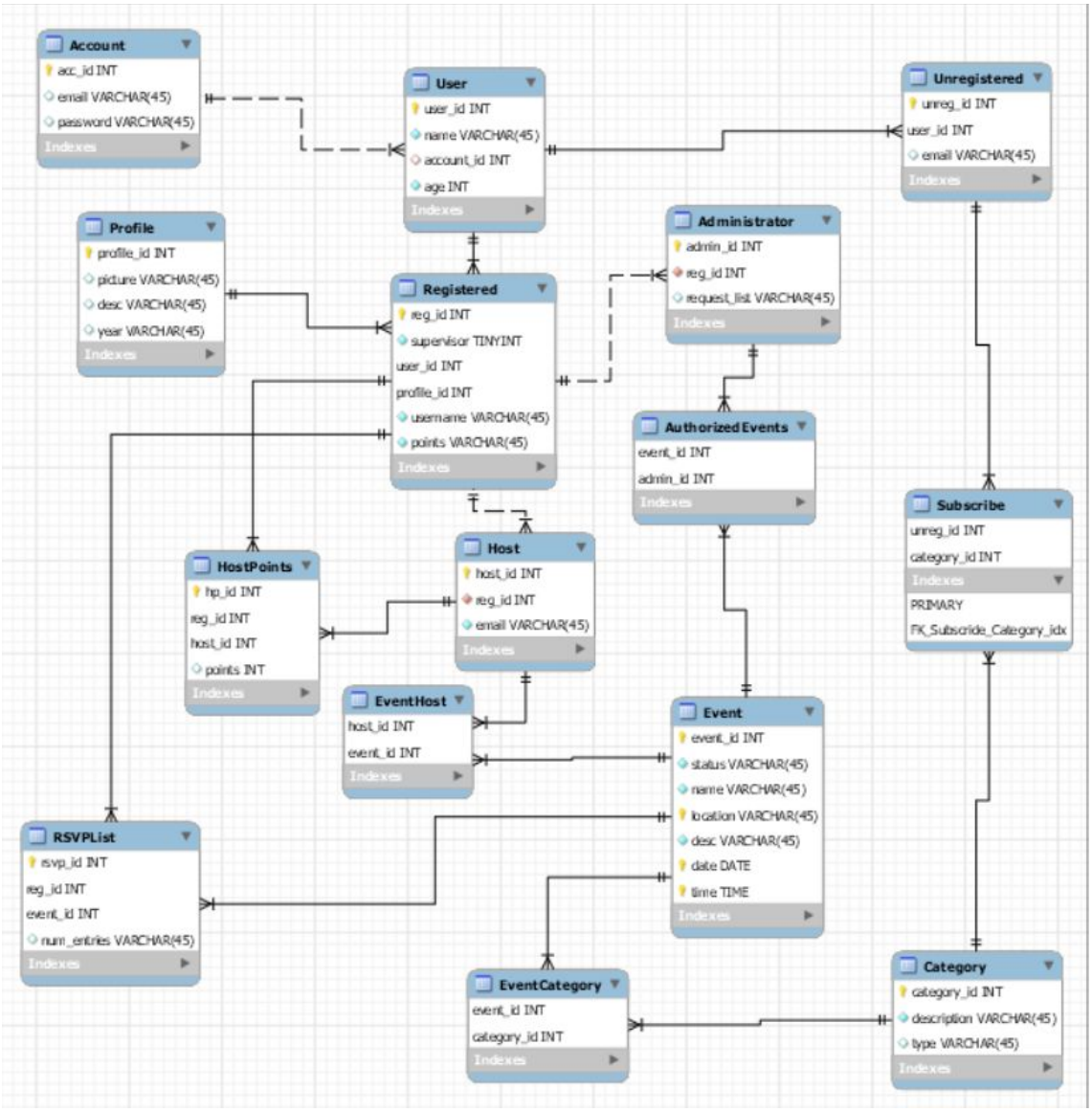

My Profile
Unigator
search
Submit
Categories
Create Event
Log Out
"Username"
My Profile
Edit profile
Store
Store Page
Username:
Email:
School Year:
Points Accumulated:
Prefered Categories:
Description:
Saved Events
RSVPed Events

Store Page


Store
Unigator
search
Submit
Categories
Create Event
Log Out
"Username"
My Profile
"Amount of Points User has" $
An example of what is being displayed.
Purchase
$

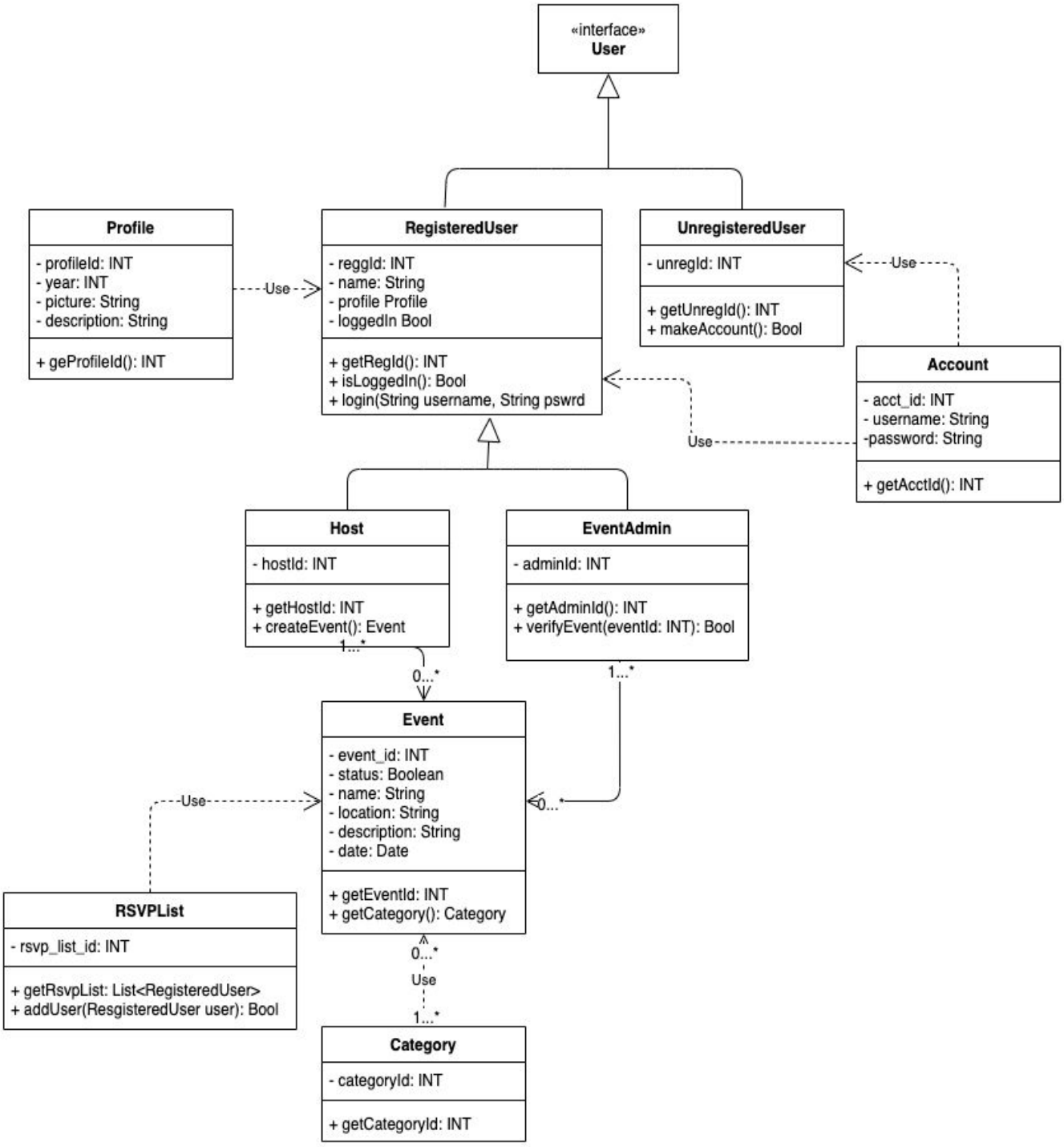

My Profile for Admin
Unigator
search
Submit
Categories
Create Event
Log Out
"Username"
My Profile
Edit profile
Store
Username:
Email:
School Year:
Points Accumulated:
Prefered Categories:
Description:
Saved Events
RSVPed Events
Request List
Admin Request Page
Admin Request Page
Admin Request Page
Unigator
search
Submit
Categories
Create Event
Log Out
"Username"
My Profile
Request List
Approve
Reject
Rejects the request and send a notification to user.
Approves the event request.

High level database architecture and organization V2

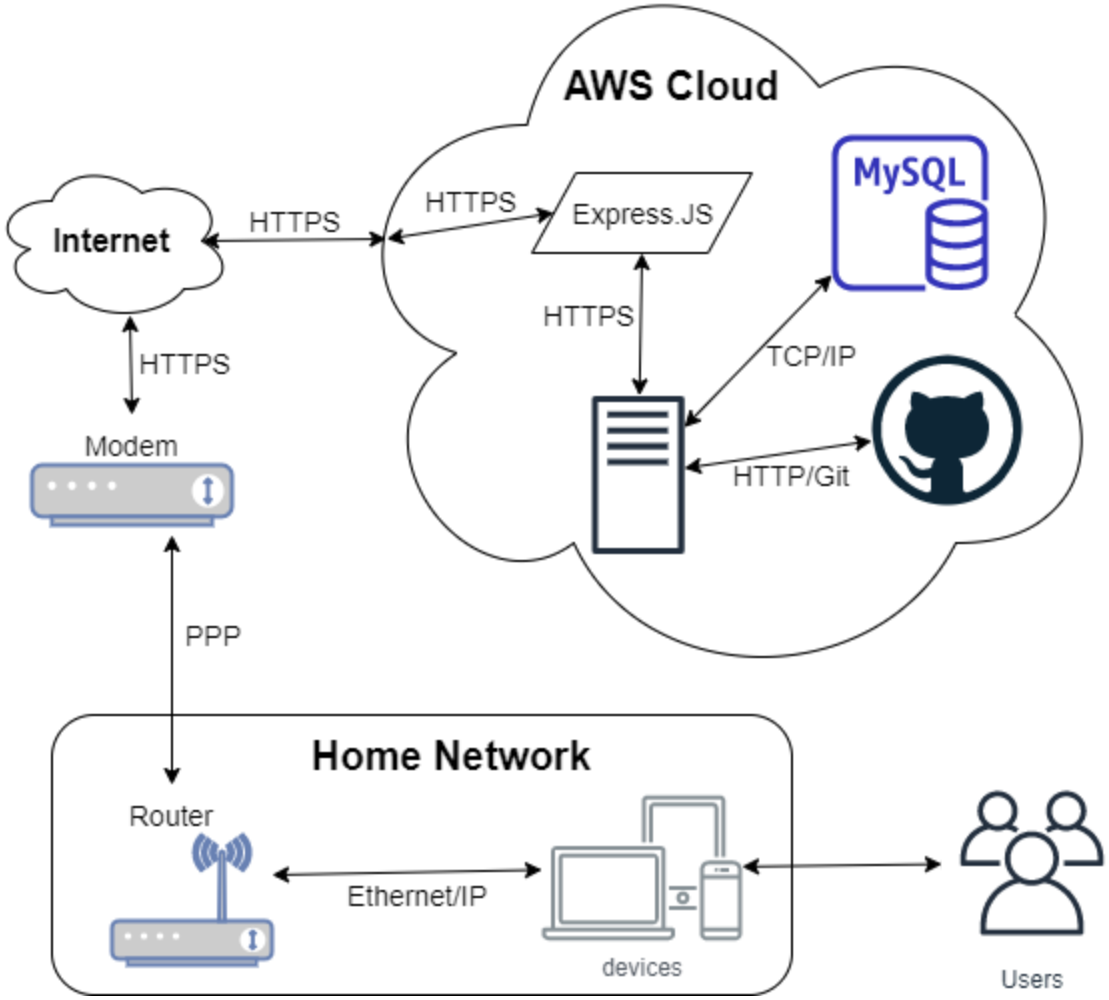
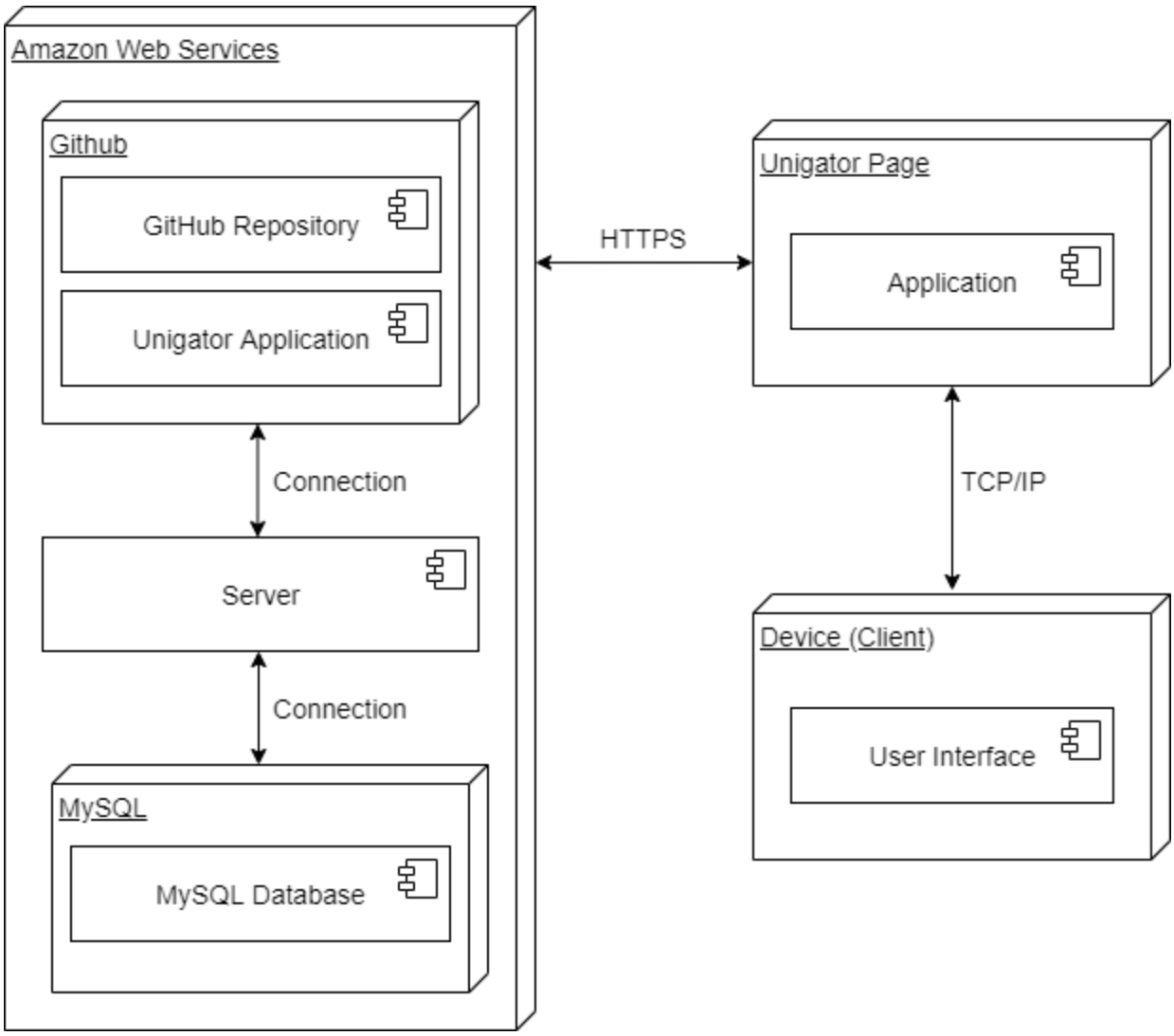


High Level Diagrams V2

High Level UML Diagram



Application Networks Diagram



Deployment Diagram