

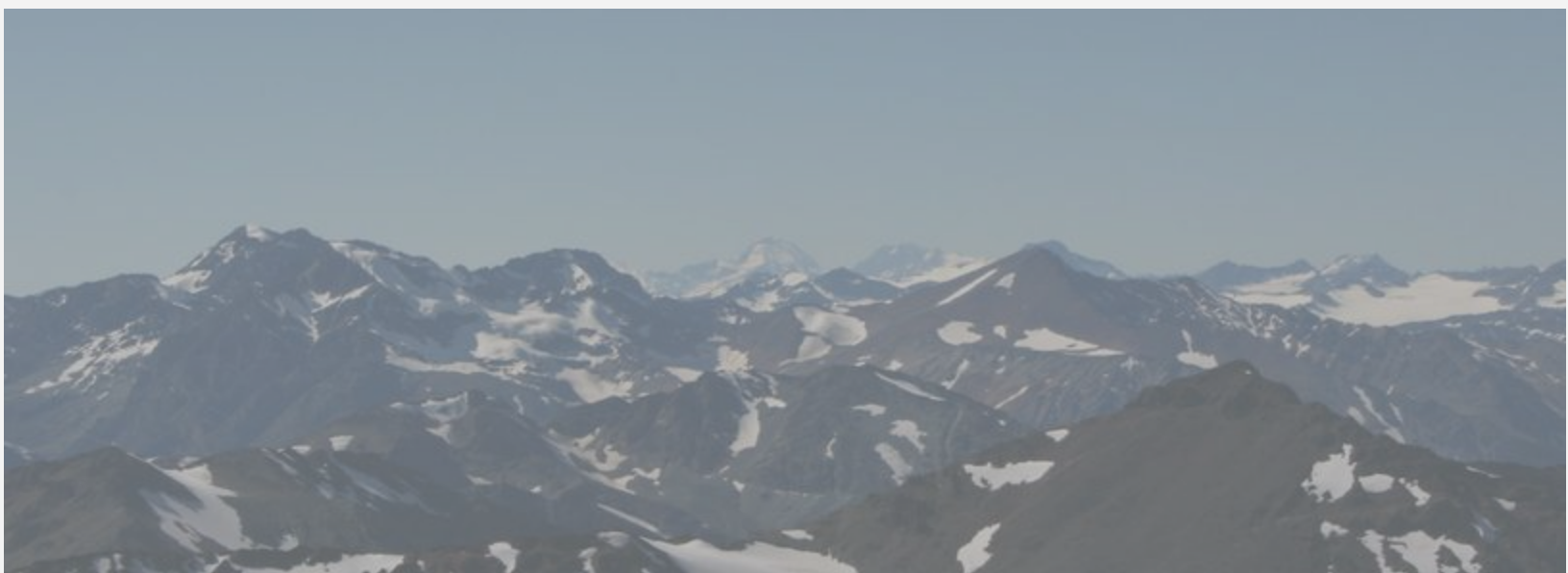
# S.L.O.G

--- Hiking made easy and social ---

Requirements and Specification Document

Group 2

11/10/2015, Version 2



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Git URL: <https://github.com/binglett/SLOG.git>

# Table of Contents

Project Abstract

Customers

Competitive Analysis

User Stories

UI Requirements & Page Transition

Data Schema (in progress)

## Project Abstract

S.L.O.G aggregates the various tools needed for planning a hiking trip, such as social media, reviews, and maps. S.L.O.G. strives to make hiking easier to plan and more social than ever. From routes and difficulty, to weather data and reviews, S.L.O.G users will find all the information and tools needed to plan a successful hiking trip conveniently at their fingertips. With S.L.O.G's thorough social media integration, users can easily find a group of friends for any hike. For users who are new to hiking or just want to meet people who share their passion for hiking, they can view S.L.O.G's event board and join exciting public events planned and run by hiking veterans. S.L.O.G simplifies and modernizes hiking, making it easier for hikers to focus less on the planning and more on their passion.

## Customer

S.L.O.G is designed to target people between the ages of 15 and 30 who have or want to have an active lifestyle. Some familiarity with social media and possession of social media accounts is assumed, though basic functionality of the site is available without these.

## Competitive Analysis

Existing methods of planning currently exist, but are largely unintegrated and unstandardized. We want to incorporate some existing tools that are commonly used in order, to streamline the planning process and reduce redundancy and inefficiencies. Some current existing technologies that exist are:

### Facebook Events

Facebook users are able to create events with time, place, description. The event creator can then invite other Facebook users to join the event. Invite permissions may also be granted to invitees. There are also poll and "ask question" functions. Attendees can view other attendees.

Facebook, however, does not provide easy access to the information necessary for planning a hiking trip, requiring the user to bring various tools together manually.

### Local Hiking Websites

e.g. [www.vancouvertrails.com](http://www.vancouvertrails.com)

Such sites include hike reviews, forums, map locating certain hikes. We will integrate social media, reviews by previous hikers and trail information all in one website to provide a easy and convenient way to plan hikes for yourself and others. We plan to be the one stop place for people who want information about local trails but want others to join.

## User Stories

### Users

- Regular User
- Administrative User
- Website Visitor (non-SLOG)

### Stories

As a/an	I want to...	so that...	Pre-Condition	Post-Condition
Regular User	Set up and sign in to my account	I can choose a username, password, and email to create a SLOG account	on homepage not yet a SLOG member	user is logged in as a new SLOG member on user home panel now
Regular User	Log-in and see user info	I can choose to create/view my events, view my groups, browse hikes, participate on forums, view calendar of events	must have an existing SLOG account and is logged in	user is on user panel now
Regular User	Create new events	I can create an event with a name, a location (hiking destination), date...	logged into SLOG account	event is created and user is brought to edit event page
Regular User	Edit events	I can edit event by adding a description, changing the date, location, event name..., invite other SLOG users to event	event has already been created; on this page immediately after creating event or clicked to edit event from viewing events	event has been saved with new information
Regular User/Website	View hikes	View an archived list of hikes; clicking into one of the hikes	user does not have to	user got to see hikes

Iteration Key:

Zero

One

Two

Three

Visitor		shows the information about that hike (difficulty, elevation, region, pictures, rating, SLOGs who have been there)	have a SLOG account	available and if logged in, may create an event at this hike
Website Visitor	View events	View list of events created by SLOG members so they may want to create an account and join one event	user does not have to have an account	nothing

## Future Stories

As a/an	I want to...	so that...	Pre-Condition	Post-Condition
Administrator	Access my admin account	I access admin control panel (where I can ban and edit regular user accounts)	have an admin account	admin logged in and brought to admin control panel
Administrator	Add new hikes	members have more hikes to choose from	have an admin account	hike is created and saved and viewable by regular users and website visitors
Regular User	Invite other SLOG members	members have editing permissions to the event; also restrict access to the event if desired	must be the creator of the event	invited members have permissions to edit event
Regular User	Add more information to an event	members of an event may coordinate with each other for carpools, provisions, advice, help etc.	must have permissions to edit event	event is edited with new information
Regular User	Be able to see the weather conditions on the home panel dashboard	the user can prepare for any upcoming events better	must have a user account	nothing
Regular User	Be able to	I can build SLOG	must have a	profile is updated

Iteration Key:

Zero

One

Two

Three

	update my profile, such as hikes done, friended SLOGs	presence	user account	with information either from user input or derived from other resources such as events
Regular User	See the hikes that I have completed both on home panel map and as an aggregate number	for reference	must have a user account and have either inputted information regarding number of hikes done or is derived from events	nothing

## User Interface Requirements

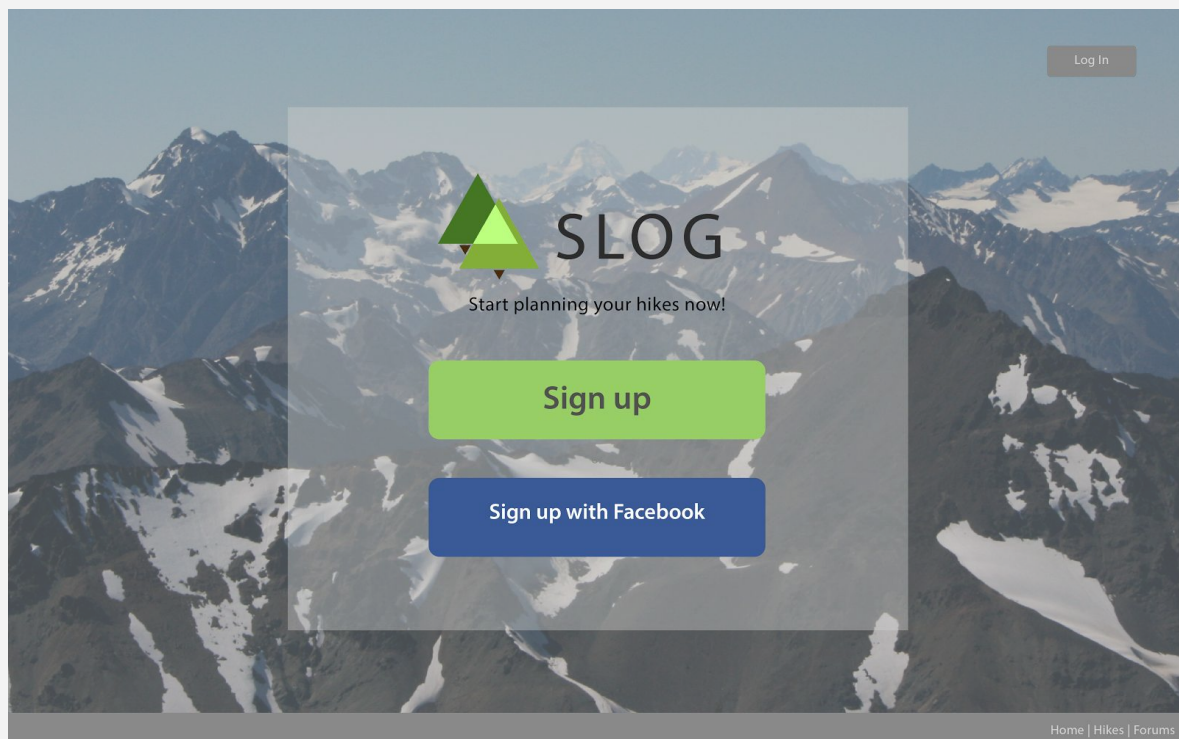
*other UI mockups for pages are in progress*

### Landing Page

This is what the user sees when they access our web application.

The User can choose to:

- sign up
- sign up with Facebook
- log in
- view a collection of hikes
- view a public forum

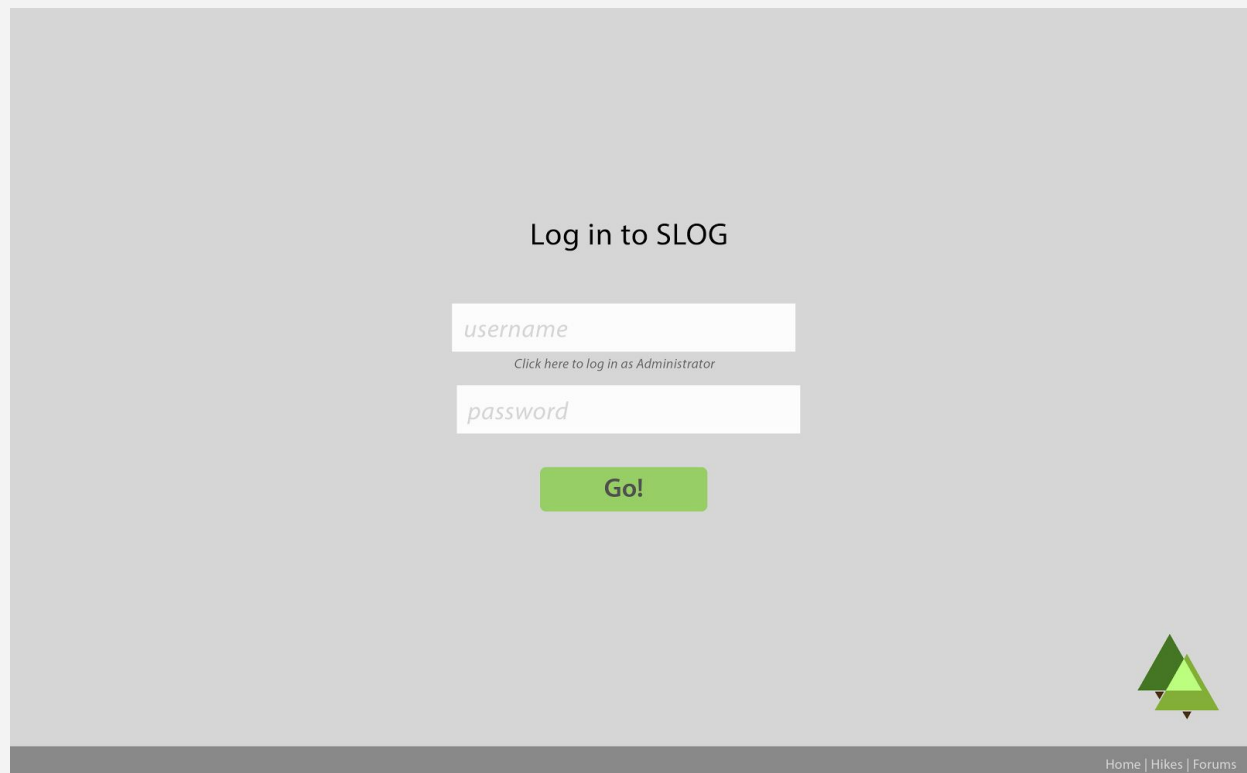


## Log in Page

The user sees this after clicking the log-in button on the top-right corner from the home page.

The User can choose to:

- input username and password combination to access their account
- click hyperlink to sign in as an administrator



The screenshot shows a login page with a light gray background. At the top center, the text "Log in to SLOG" is displayed. Below this, there are two white input fields. The first field is labeled "username" and the second field is labeled "password". Between these two fields, there is a small link that says "Click here to log in as Administrator". Below the password field, there is a green button with the text "Go!". In the bottom right corner, there is a logo consisting of three overlapping triangles in shades of green. At the very bottom of the page, there is a dark gray footer bar with the text "Home | Hikes | Forums" on the right side.

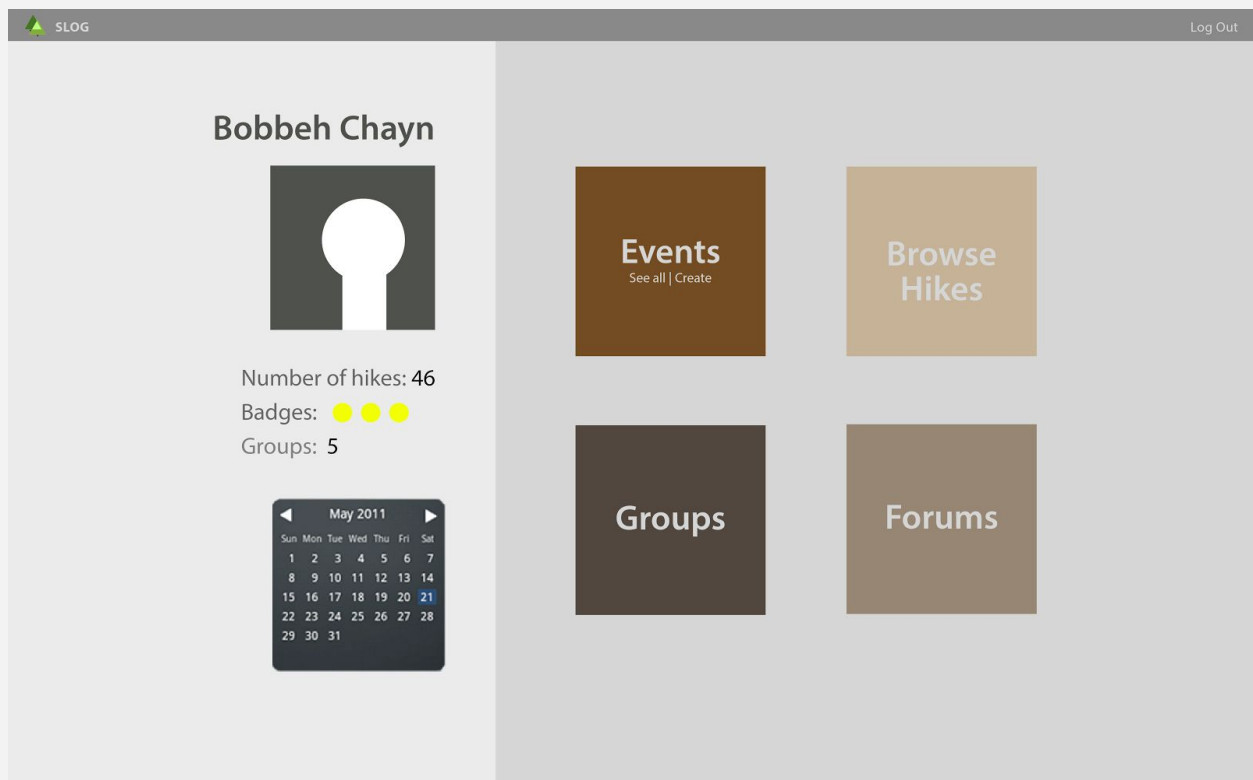


### User Home Panel (draft; will definitely be revised)

After a successful log-in, the user is routed to their User Home Page.

On this page, the User:

- can see their profile (photo, number of completed hikes, earned badges(?), groups)
- Events option
- Browse Hikes option
- interact with Groups option
- view Forums action



## Create Event Page

By clicking the Create hyperlink on the Event box on each User's home panel, the user can create an event by filling in a form. There will be a preview of the hike on the right every time the user chooses a valid trail in the "Location" box.

The date can either be inputted via text box or by the calendar.

The User can also choose to make the event public.

(Invitation of other users and addition of more event details will be allowed after event has been created)

SLOG

Log Out

## Add Event Details

Event Name

Location

Date

May 2011

Sun	Mon	Tue	Wed	Thu	Fri	Sat
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30	31				

Public?

☐

Event Preview

Mount Banana - Shady Trail

Duration: 5 hours

Difficulty (double black diamond)

Rating \*\*\*\*\*

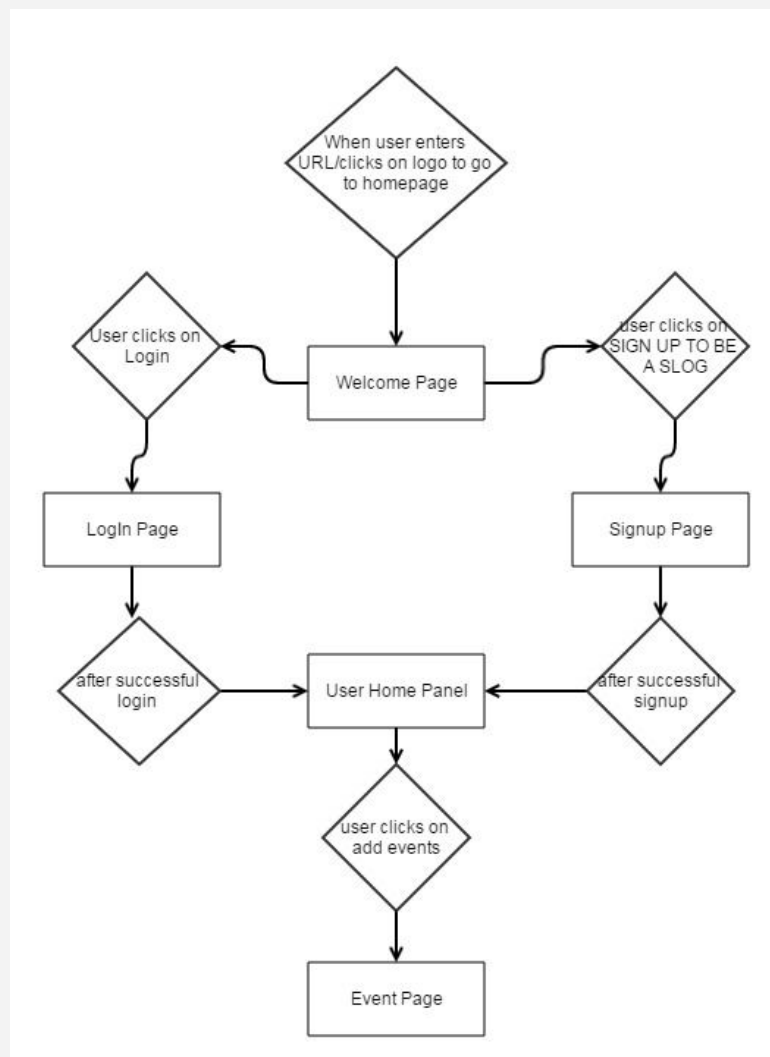
Region: Chilliwack

Create Event!

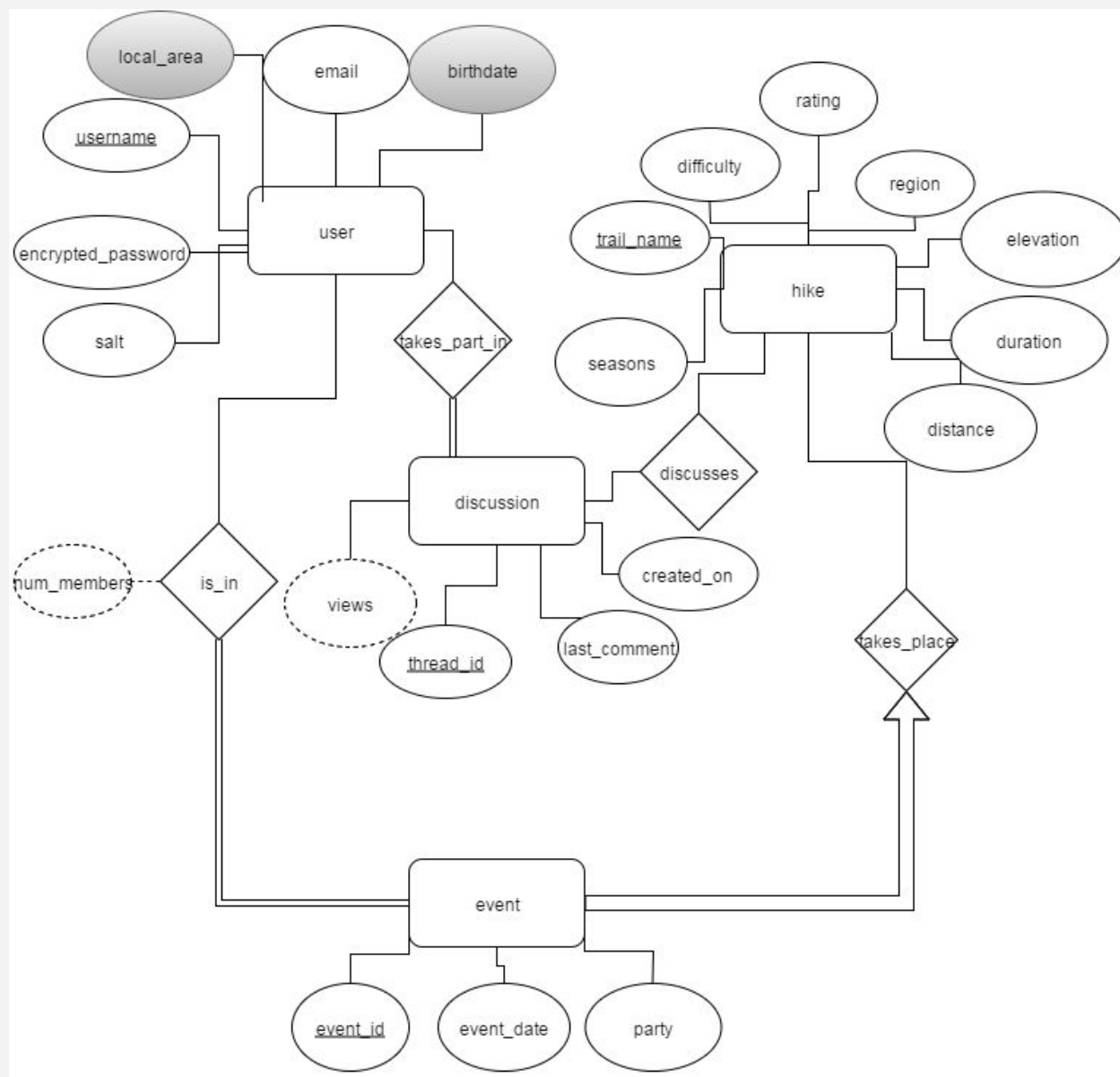
Home | Hikes | Forums

## Page Transition Diagram (in progress)

\*This diagram represents the current page transition of our application.



## Database Schema (in progress)



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