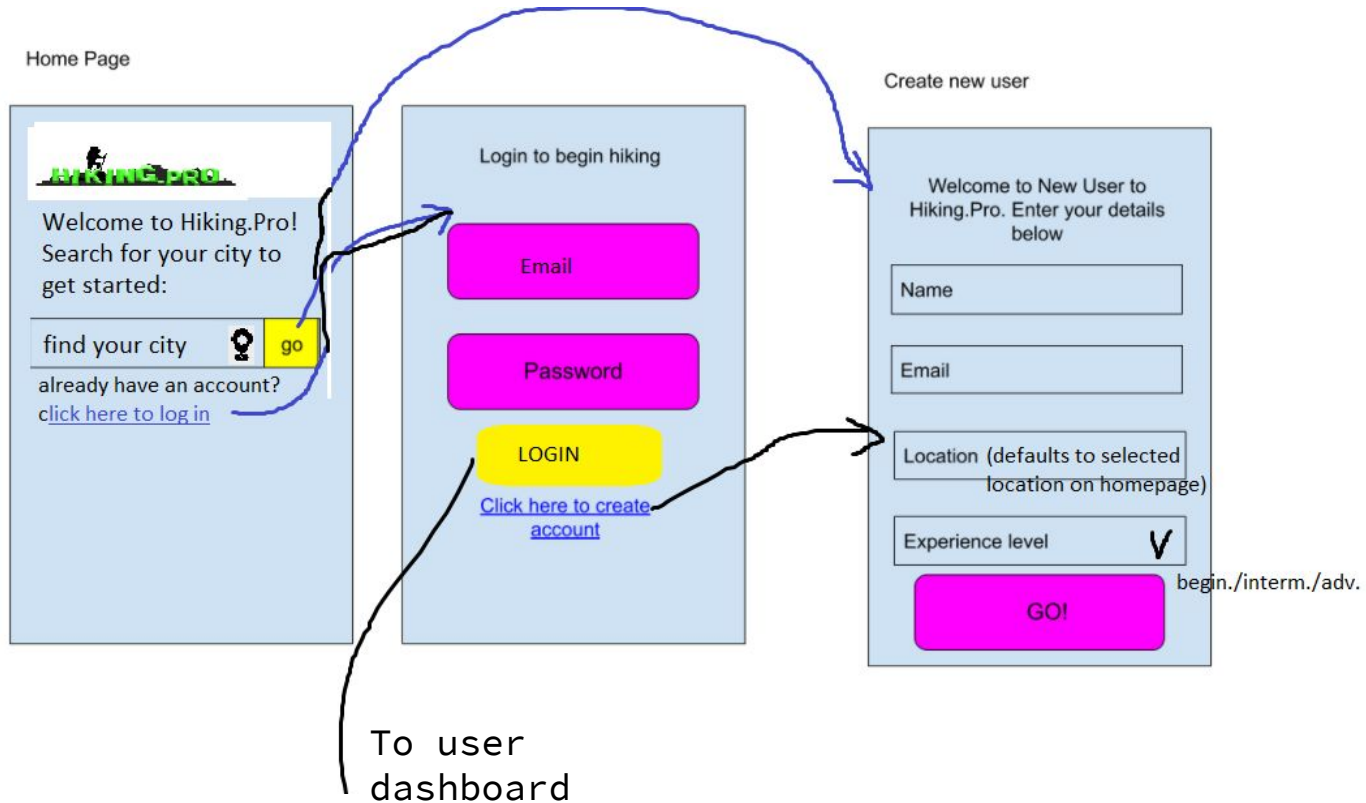# Hiking.Pro Plan

Hiking.Pro Overview

In a post quarantine world many of us would like to start exploring again. Hiking.Pro is a hiking app built for users who want to expand their hiking game and explore new trails. It gives you recommendations for nearby trails based off of your location and user recommendations. The more you interact with Hiking.Pro the more points you can earn to compete with other users. Earn enough points and join the ranks of other elite hikers.

Hiking.Pro is more than an app, it's a community where we can meet other hikers and explore new places.

UX/UI Wire Frame

UX/UI Wire Frame PT 2

Sidebar on desktop/menu on mobile

STATS

Hiking.pro level

amateur hiker

534/1200

Points Earned	534

Completed Trails	78

User Dashboard

Hello user!

Search Bar.........................

Suggested trails

Trail 1 ....

Trail 2 ....

Trail 3 ....

click to expand

Hello user!

Search Bar.........................

Suggested trails

Trail 1 .... add to favs
location: rate: ★★★☆☆
difficulty:
length: interactive map
etc.   COMPLETE
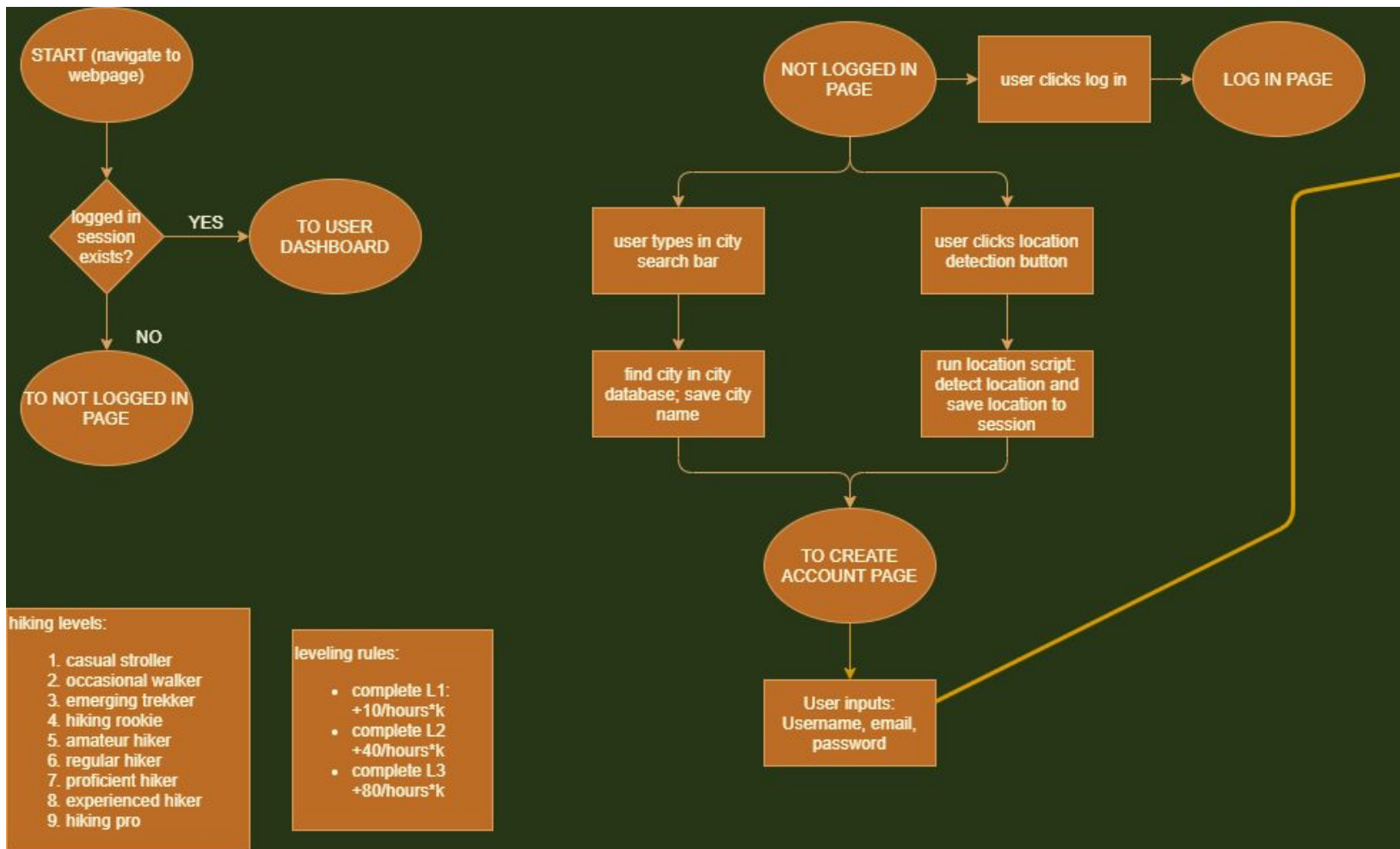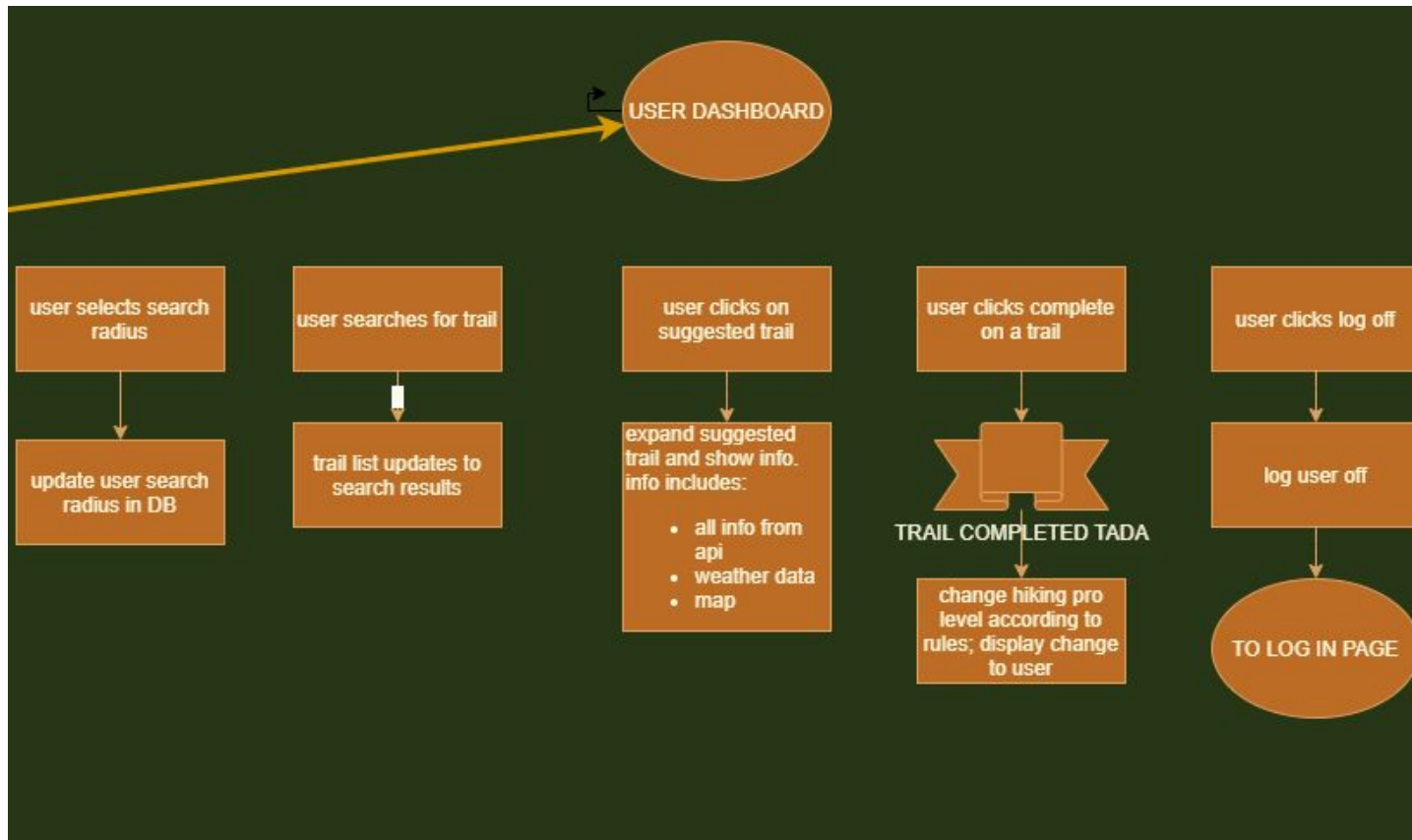
weather forecast

clickable

triggers tada popup modal with stars and confetti; shows points change; asks for completion time and tells if PR is broken

Data Flow

START (navigate to webpage)

logged in session exists?

YES → TO USER DASHBOARD

NO

TO NOT LOGGED IN PAGE

NOT LOGGED IN PAGE → user clicks log in → LOG IN PAGE

user types in city search bar

user clicks location detection button

find city in city database; save city name

run location script: detect location and save location to session

TO CREATE ACCOUNT PAGE

User inputs: Username, email, password

hiking levels:
1. casual stroller
2. occasional walker
3. emerging trekker
4. hiking rookie
5. amateur hiker
6. regular hiker
7. proficient hiker
8. experienced hiker
9. hiking pro

leveling rules:
- complete L1: $+10/hours*k$
- complete L2 $+40/hours*k$
- complete L3 $+80/hours*k$

USER DASHBOARD

user selects search radius → update user search radius in DB

user searches for trail → trail list updates to search results

user clicks on suggested trail → expand suggested trail and show info. info includes:
- all info from api
- weather data
- map

user clicks complete on a trail → TRAIL COMPLETED TADA → change hiking pro level according to rules; display change to user

user clicks log off → log user off → TO LOG IN PAGE

Hiking.Pro Kanban Board

Week 1: Schedule & Task Breakdown

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
Angelica	Research Google Maps API	Test API call	Build out location model	configure API with Trail locations & add to trail search page	API routes / trail search page	Build out Nav	
Ivan	Research API	Build and test trail API	Decide if we need to pivot	Design point structure	Points model	API routes w/ user dashboard	
Walter	Heroku Deployment	Initial User Model Design	API routes & profile page	Research User Authentication	Build out User Authentication	Deploy User Authentication	

Week 2: Schedule & Task Breakdown

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			MVP Due			Have functional components completed	
Angelica	Memorial Day	Test map configuration		CSS plan and layout	CSS files for all pages	**Apply the CSS to the site**	
Ivan	Memorial Day	Test location search page		Search radius functionality	Connect saved trail data to User model	**Have the trail search system locked down**	
Walter	Memorial Day	Test profile & user Auth		Manifest and caching	Create indexedDB	**Have the PWA built out for offline interaction**	

Week 3: General Schedule & Task Breakdown

	Monday	Tuesday	Wednesday	Thursday	Friday	Saturday	Sunday
			Application is ready to present			Have presentation materials ready	
Angelica			**Site is fully functional and ready to present**			Demo Practice	
Ivan			**Gamification system fully built**			Breakdown of features and overall design	
Walter			**Leaderboard built out**			PPT, Elevator pitch	