

GWC Project Planning Doc

General

Rough project idea:

A web page/app to help you be more mindful and reconnect with nature. It could give things like daily goals aimed towards getting you out in more natural spaces (depending on your location and time of year) or creating things to help your local flora and fauna (ex: going to an event at a nearby nature reserve, reminder of a meteor shower in your area, creating a pollinator habitat for the monarch migration, photographing a specific species of plant or animal in your area, what fruits/vegetables are in season, etc)

Possible Project Specifics	Examples
Website for a specific city (could later on be expanded to other cities, or giving goals/suggestions based on location)	Would include a home page and general resources for getting out in nature in the specific city
Daily, weekly, monthly or/and yearly goals for helping you get out into nature and become more aware of your local environment. These would currently be set to the city we pick, but could later on be expanded to be based on location and to give personalized goals based on your preferences. Goals would include instructions or resources for more challenging activities. This could include suggestions for parks/nature reserves near you, or links to	Daily goal: could be something simple like observing/photographing a plant or animal in your area, getting a fruit or local good that is in season, going to the park for the afternoon, etc Weekly goals: going to a local community garden or farmers market, attending a nature event like bird watching, going hiking etc Monthly goals: volunteer at a local nature reserve/park, start a compost bin, plant a

<p>how-tos for complex tasks like composting or starting a garden (including different resources for different living situations like living in an apartment vs a house)</p>	<p>native/pollinator friendly plant, or build a birdhouse/ bee hotel</p> <p>Yearly goals: Going on a multi day camping trip, starting a native/pollinator friendly garden, building a water source for wildlife (a bird bath or a pond), plan and build a rainwater collection system</p>
<p>Add timing/seasonal customization Certain goals are only given for the appropriate season to complete it</p>	<p>Example: Would only suggest photographing a monarch butterfly in texas in either fall or spring since that is when they pass through the area. Would only recommend going to the lake in summer, or harvesting a pumpkin in fall</p>
<p>Add user account and login</p>	
<p>Add way to mark a goal as complete and create a basic points system to sort of “gamify” the goals- have a numerical way to see progress over time and gain satisfaction from completing tasks</p>	<p>Daily, weekly, monthly and/or yearly goals could have different points earned, (could maybe even add difficulty later on). Could also have streaks, were you earn special awards or extra points for completing certain number of goals in a row</p>
<p>Add a way to post images or text to the goals as way to keep track of what you have done- could also serve as sort of “proof” to yourself that you completed it</p> <p>At this phase, these would be private to the user, but could later on be expanded to include sharing posts with your community</p>	<p>Text could provide a way for you to write down your experience/what happened as you completed the activity, and give you space to reflect on what you saw, heard, or felt (a sort of journal to catalog your different adventures or even just your feelings from being around nature)</p> <p>Could also have pre-made reflection prompts to help you be more mindful.</p> <p>Images would be a nice way to keep track of the things you have created to help your</p>

	<p>environment, the animals/plants you have photographed or drawn, or even cool things you saw in nature and wanted to add an image of</p>
<p>Add way to personalize goals</p>	<p>Add custom goals, set preferences like wanting to only complete a goal every two weeks, add specific living situations (like living in an apartment) for more personalized goals, or wanting to just not have points tracked</p> <p>Can turn on notifications for the goals you'd like to complete</p>
<p>Expand the resources page and add ways to filter and/or personalize feed.</p> <p>Gives a way to find things to do without necessarily sticking to the premade goals. Create an easy way to see what is available and have it personalized for you</p> <p>Could also divide into activities page and environmental info page</p>	<p>Resources could include things like what parks/nature reserves are near you, migrations crossing through your area (like the monarch migration!), plants that are in bloom at that time of the year, meteor showers/other natural phenomena that may be happening nearby, other event</p> <p>Personalization could include only wanting to see parks with a paved trail, or specifically only wanting to see celestial events</p>
<p>Add community sharing</p>	<p>Can be making points and posts public (while still allowing the option to have a private feed). This would hopefully help build a sense of community by allowing the users to share their experiences in nature and encourage each other. It might also provide an avenue for people who want to explore more of nature to get together to complete goals or just build connections.</p>

	Also, friendly competition with points- could even have community contests within the app
Add more locations or even make goals/resources based automatically on location	Automatically suggests things nearby to do

Frontend

Create UI for home page and resources page	
Add goals page UI. Could include cards to display the different types of goals (daily, weekly, monthly, or yearly), with an option to expand a specific card to see more info/resources	
Login and sign up UI: buttons to login and sign up and input fields for logging in and signing up	
Add toggle to each task to allow user to mark as complete	
Add option to open a text field and insert images for an expanded goal card	Possibly add premade reflection prompts to each card?
Create Journal page UI	

Backend

Create database with different types of goals separated by category (daily, weekly, monthly, and/or yearly) with some having a seasonal element and/or resources	
Randomly pick a goal and send information to be displayed in the frontend, sending to correct location based on goal type, and keeping the goal for the needed time (day vs week, etc)	
Send expanded view/more information for the correct goal when a specific goal card is clicked	

Mission Statement:

In this day and age, many people struggle with spending too much time inside. Modern technology can provide an appealing way to decompress, but can all too easily turn into hours of doom scrolling or watching videos. Oftentimes, this can exacerbate feelings of anxiety and depression, leading to more hours spent inside. `companyName` aims to provide a helpful tool to prompt users to get out into nature and explore their local environment. Nature can have a positive effect on mental health, and provides a way to spend meaningful time outdoors. In turn, the website aims to also provide ways for users to help the local environment through activities that promote learning about and helping local plants and animals and the surrounding community.

Help individuals in a community connect to nature by giving the individual personalized daily, weekly, monthly, and yearly goals with a task, how-to instructions, or events around them. The success of the project would be measured by people within the target audience using the website and successfully completing goals that will help them engage in nature in a meaningful way.

Our mission is provide a helpful tool to motivate individuals to help their environment, themselves and the surrounding community