**Project 3 Planning Worksheet**

Answer as a group. One person can fill this in, and share. Each person should fill in their own personal responsibilities and goals. You can share and collaborate on a Word document in OneDrive or Google Docs.

Add any extra information that you think would be useful in a planning document.

Refer back to this as you work on the project.

**Administrative**

Communications: Slack channel set up, everyone in it? What other means of communication will you use? Remember you must document your work in a way that I can follow, this includes descriptive commit messages, discussion in GitHub, talk about what you are doing in the slack channel, check in with me in the class. Professional communication – keeping people up to date on what you are working on, asking for help, helping others, is part of your grade.

Everyone is on Slack.

GitHub Repository created. –

Dawite233

slong96

Thuroma

Emails shared –

[ok7140mj@go.minnstate.edu](mailto:ok7140mj@go.minnstate.edu) -MattB

[thurman.thoma@go.minneapolis.edu](mailto:thurman.thoma@go.minneapolis.edu) – Thurman T.

[sophanda.long@go.minneapolis.edu](mailto:sophanda.long@go.minneapolis.edu) – Sophanda L.

Helping others is good for your grade. How will you ask for help if you need? What other resources can you use to get help?

Ask on Slack and set up individual or team zoom.

Set up team or individual Slack meeting.

How will you manage team members who are not contributing?

Team meetings

**Schedule**

What are good times for you to connect as a group? It is recommended to arrange some zoom meetings.

Thursdays at decided time. Subject to team communication change- arranged by Slack communication

**Project Idea**

What will your project do? How will a user interact with it? How will it present data?

User will select a potential area to move to, be able to search for businesses, parks, weather in the area of search.

**APIs**

What APIs will you use? Are you sure they have the data you need? Are you really sure?

Eventbrite – Check for what events is available for the area.

Yelp -

Census Data - Check for population rise/fall

Weather – Weather and specs for area

**Other features**

Bookmarking, caching etc. how will those fit into your app design?

What features do you need to implement first?

To be discussed.

**Git**

What is your Git workflow going to be? Can everyone use branches, PRs?

Who will review changes before they are merged to main?

Make a plan for reviewing code. All changes should be reviewed by at least one other person before merging.

On going to be worked out.

**Requirements**

Is there anything in the requirements that is not clear, or you don’t understand?

Each team member will be expected to research Flask, utilize a hello\_api program to query the API for relevant data- assigned to each.

**Code Design**

On a whiteboard, sketch your design. What modules and classes will you need? There’s one built in to zoom when you share your screen.

Online whiteboards: <https://www.webwhiteboard.com/>

Or Google Jamboard <https://edu.google.com/products/jamboard/>

Download or screenshot diagrams and include in this document.

**User interface design**

Make a sketch of what your user will see to make their search, show the results, and show their list of bookmarked results.

**Questions**

What questions do you have?

**Overall responsibilities and Personal Responsibilities**

Make a list of your team members, and their primary responsibilities.

Zacharia – Searching for events

Sophanda – Yelp API for local businesses

Thurman – Census data

Matt – Weather related

Dawit – UI design

What are you personally responsible for?

Weather

Fill in this table.

|  |  |
| --- | --- |
|  | Goals – team goals, list individual people and their goals |
| What have you done so far? | **Thurman Thoma**  [2:59 PM](https://mctc-itec.slack.com/archives/C04QEV4SBV4/p1677013155362199)  Week 1 (due 2/27): Create a hello\_world for your api and get it working. Post in slack if there are any issues with the api so we can pivot if we need to. For each api, research how the keys are used, how queries are made, how to customize queries, how to preform a search, how does each api define geographic regions (Minneapolis vs north and south Minneapolis) Everyone watch the Flask video Lets think about the UI display we want. (maps, lists, images, links etc)  Zacharia EventBrite - [Eventbrite](https://www.eventbrite.com/platform/api/)  Sophanda Yelp - [Yelp](https://www.yelp.com/developers/documentation/v3)  Thurman Census data - <https://www.census.gov/data/developers/data-sets.html>  Matt: Weather - <https://minneapolis.learn.minnstate.edu/d2l/le/content/5973044/viewContent/58203251/View>  Dawit: Local images - [Flickr](https://www.flickr.com/services/api/) (edited) |
| Goals for this week beginning |  |
| Goals for week beginning Feb 27 |  |
| Goals for week beginning March 13 |  |
| Goals for week beginning March 20 |  |

**Project is due Tuesday March 28th at midday, before class – NOT a Sunday.**

**PLEASE REVIEW THIS WITH CLARA OVER ZOOM BEFORE YOU LEAVE TODAY. THANK YOU!**