

2/11/2021: 4:00 pm - 4:30 pm

Tips for success:

1) Identify leader: **JACK PATON**

2) Make deadlines

3) Document Everything (Frameworks, platforms, reasons for changing / not, show thought process)

The main deliverable is design doc (enough details so if another team picked up they could)

4) Communication is key, Matt is always willing to look at our assignments for feedback but he will not know deadlines

5) Work on the project together / at the same time, just times where everyone is working at the same time in a channel

More will get done and it is more fun.

Tasks:

1) Matt will come up with a requirement list and we create a feature list.

2) Choose a platform: identify options and discuss soon.

3) Someone creates a list of bad recipe sites

-Most forms are recipe sites/recipe blogs which have life story with ads

idea is to build a tool to make these recipes more usable and accessible without shortcutting the original context

-Problems: 1) recipe buried under the fluff. 2) scroll down to see the entire recipe and up to see the ingredients.

3) recipe scaler is not always available.

-Suggested ways to implement: 1) browser plugin. (Platforms may vary) 2) Plug site in. 3) Chrome extension?

4) Natural processing/machine learning to identify amounts and ingredients

-Hyperlinks to substitutions/ingredient page for confusing ingredients

-Potentially an app since most probably using their phone

-Wednesday at 4:00 pm for normal meeting time.

-Could make work on a mobile phone a requirement.

-Chrome extensions are possible on mobile but IOS is kinda not friendly to set up

-Idea app and take URL and post in the app

2/17/2021: 5:00 pm - 5:30 pm

Introduction to what we have done, recipe list, and feature list

Handling Ads

1) Reformatting to put them at the top (And sections in general)

2) Possible pop up to show recipe

3) Find a way to block ad but still allow revenue (looking into revenue streams)

4) Check out the terms of service

Technologies to

- 1) Make mobile both ios and android. **React Native**
- 2) Flutter is an option for mobile development
- 3) React Native has WebView to load pages based on links

Links for above

<https://dzone.com/articles/9-best-cross-platform-mobile-app-development-tools-1>
<https://customerthink.com/7-latest-mobile-app-development-technologies-for-startups/>
<https://blog.logrocket.com/the-complete-guide-to-react-native-webview/>

Goals

- 1) Finalize Technology
- 2) Narrow down features
- 3) Decide roles (Like who deals with machine learning as necessary)
- 4) Sketch, mock-up, Html, or google doc to show end result based on current bad sites

Then looked at some more bad websites

Distributed roles for people to do.

2/25/2021: 5:10 pm - 5:48 pm

Discussed the reformatted example:

- Toggle switch to go between just instructions and ingredients and all content.
- Battled between whether to remove the author's original creative content is ethical and if we should do that or not. Toggle fixes this.
- Discussed removing the ads, will do if possible to keep revenue.

https://www.reddit.com/r/Cooking/comments/3gkzog/is_anyone_else_fully_sick_of_recipe_sites_that/

Discussed the priority order of the feature list:

- First comment: 1 and 2 would be requirements and not features (Cross-platform and enhancing the website)
- Ability scale should be easy if you can already convert units so maybe move from 6 further up
- 3-6 are good features to get done and 7-9 are optional.
- Add rearranging the page or cutting out the fluff. Whichever we decide to do.

React vs Flutter Discussion:

- Flutter uses Dart and React uses JS
- React mature and Flutter is young
- Both workable
- We could go either way
- React because of familiarity and years being around

3/5/2021: 7:00 pm - 8:00 pm

Design Document:

- Rithwick put down the info in discord
- Need first two chapters Intro and Project plan
- Divide and conquer sections.
- Start with GroupMe/discord for questions but otherwise meeting/ask who can chat in discord

Ethics

- Keep as a stretch goal because people upset if remove but users do not want it.

3/17/2021: 5:00 pm - 5:13 pm

Beginning notes

- Moving forward with toggle button
- Put that ethical discussion in the doc and in our presentation at the end
- Probably not much need for a backend database or storing accounts
- We did 1 and 2 in the design doc so update those and then complete 3 and 4 for the new update
- Jack, Vismay, Rithwick make mockup for app
- Luke and Bret search for ways to test app.

8/28/2021: 12:10 pm - 12:30 pm

Rithwick + Luke: React UI

Jack: Web Scrapping

Vismay + Bret: Back end

Git Hub Repo: iastate one

Trello: Use it

Backend: maybe use json objects/files

Meeting Thursday and try to have mockup done by next week.

9/3/2021: 11:40 am - 12:01 pm

Demo web scrapping

Use local db

Backend works on moving and manipulating scraped data

Frontend got environments up

Frontend start working on the skeleton

Jack scrap more data

The backend then move that data around

Meeting every other Thursday at 2:10 unless needed.

Scrapped data comes in as JSON objects in JSON file is the plan.

9/15/2021: 3 hours

-Worked on creating presentation slideshow

9/16/2021: 1 hour

-Talked about slideshow split up

9/20/2021: 2:10 pm - 3:50 pm

-Found the backend functions from last semester

-Got the project to build and work again

-Divided up the backend tasks of creating the realm database and handling backend functions

-Vismay took the former

-Created the backend portion of the database.

9/30/2021: 2:10 pm - 2:47 pm

-Web scrapping library, reduces amounts of sites but that is ok

-Went over the full JSON loop

-Frontend coming up with ideas

-Jack and Bret go for web scrapping

-Vismay help front with UI design (color scheme and logo)

-Put up our progress on trello, the database, and log meetings in meeting notes

-Meeting next week same time and October 21st is the second presentation.

10/14/2021: 2:10 pm - 2:30 pm

-Quick project progress update

10/20/2021: 3 hours

-Worked on PIRM slides and practiced presentation

10/28/2021: 2:10 pm - 2:45 pm

-Discussed PIRM results

-Discussed Project progress and expectations

-Set work Session for Sunday at 2

-Decided on logo and color scheme

10/31/2021: 2:00 pm -

11/11/2021: 2:15 pm - 2:30 pm

-Demo connected app

-Discussed goals: Connect buttons, more sites, instructions

11/14/2021: 8:08 pm - 8:18 pm

- Step 1: Bret changes the current demo to use the storage system. (No dependencies)
- Step 2: Add the ability to enter the url in the app instead of hard coding it. (No dependencies, Luke)
- Step 3: Add instructions section. (No dependencies, Rithwick)
- Step 4: Add bonus features like recipe scaling and font size change. (Need some stuff from each section, Vismay)
- Step 5: Expand the number of websites we can scrape from. (No dependencies)
- Step 6: Make the app look more professional. (No dependencies, Front end folk)

11/18/2021: 2:10 pm - 2:17 pm

- Check in on progress and continue steps above into break

11/29/2021: 8:15 pm - 8:45 pm

- Changing link/url doesn't update content Vis and Luke
- Rithwick instructions
- Vismay view
- Jack expanding sites
- Bret Poster, email about poster
- trello

12/6/2021: 5:00 pm - 6:05 pm

- Discussed the poster.
- Update design document, and website
- Final presentation
- Practice for Mat

12/7/2021: 8:30 pm - 8:50 pm

- Short meeting to set up a game plan for finishing deliverables.

12/8/2021: 10:00 am - 3:00 pm

Worked on the presentation and did practice run

Layout:

1. Outline of slides
2. Short intro of project
 - a. Problem statement and example
3. Recorded demo of project
 - a. Quick demo showing main functionality, also highlight buttons not working and more on that later

4. Each of our work done (Alternatively we could just do in demo?)
 - a. Quick outline of everything you did but large focus on the main contribution you made.
 - b. You could also include a few challenges you faced as well.
 - c. And how you tested you work (that should be enough I think)
5. What we didn't get to/did
 - a. Functional Requirements
 - b. Non-functional Requirements
 - c. Separate slide for not completed (Maybe just write completed not completed?)
 - i. Talk about what held us up with these
6. Lessons learned
7. (Maybe) Future Expansion and Concerns
8. (Optional) Risks & Mitigation (I think we ask Mat about the optional or add in if need time)
9. (Optional) How our design changed
 - a. Differences in the two block diagrams we had and anything else we can think of.
10. (Optional) Testing?

12/8/2021: 8:00 pm - 12:00 pm

Update on Design Doc

- Requirements not finished
- Non-functional separate out
- Future expansion
- Lessons Learned
- Assumptions + Limitations
- List of compatible sites (IN LIMITS)
- Tech considerations add more
- Check the tense in testing, add accept and interface
- Section 5 overhaul
- Appendix I "operation guide"
- Appendix III Lessons Learned and Future expansions