

What tools will you use for your task board?

Trello. It's easy to use and comes with an intuitive user-interface.

What tools will you use for your burn-down chart?

Online Sprint Burndown Chart Generator offered by Visual Paradigm:

<https://online.visual-paradigm.com/diagrams/templates/line-chart/sprint-burndown-chart/>

Who will maintain the burn-down chart? How?

Jesse Francispillai.

He will take snapshots from the current sprint backlog after every workday to update the burndown chart. Data will be inputted into the online generator manually.

What is every team member's role?

- **Full-Stack Developers:** Everyone
- **Scrum Master:** Jesse Francispillai

What tools, if any, will you use for communication?

1. Facebook Messenger Group Chat
 - Primary method of communication. Used for generic messaging as well as group calls.
2. Trello Task Board
 - Used to add notes/comments to specific development tasks
3. CSCC10 Github Group
 - Used for any formal communication that needs to be shared with the prof/TA.

When do you plan to meet in person?

Due to the current nature of the global pandemic, we do not plan to meet in person for the duration of the course. In accordance with our Team Expectations, we will continue to hold weekly online meetings every Friday.

How will you use your repository on GitHub?

We plan to use the following categories of branches:

- Master Branch
 - Will contain code for release, updated at the end of every sprint
- Develop Branch
 - Will contain completed features that have yet to be pushed to release
- Feature Branches
 - Will contain code for features still in development
- Bugfix Branches
 - Will serve as temporary branches to fix bugs in completed code

In addition, we plan to have mandatory peer-reviews of at least 1 other teammate for commits to the Develop and Master branches.

Which machines will be used for development by each team member?

- Maduvan: Windows Home Computer
- Joseph: Windows Home Computer
- Jesse: Macbook Pro laptop
- Ahmad: Macbook Pro Laptop
- Husni: Windows Home Laptop

What is your DoD (definition of done)?

- All user stories have been pushed through the task board and are completed
 - All user stories have been verified (part of task board)
- Deployed on server
- Deployed product has been sanity tested
- Client has seen and approved final release

Product Backlog:

Trello Board: <https://trello.com/b/V8Ty9yno/agile-sprint-board>

Static Table:

■: Restaurant Search Engine ■: Restaurant Profile Page ■: Online Ordering
■: Simple Social Network ■: Analytics Dashboard ■: Other

Priority	User Story	Estimated Cost (in hours)
1	As Steve (Restaurant Owner), I want a page to feature my restaurant's address and contact information, so that my customers can get in touch with me directly.	6
2	As Steve (Restaurant Owner), I want to showcase personal stories and anecdotes about my dishes, so that customers can understand the history behind them.	5
3	As Javier (Customer), I want to search for restaurants based on rating, so that I know which places would draw in the most views to my blog.	6
4	As Steve (Restaurant Owner), I want to upload simple photos of my dishes and restaurant, so that I can promote exactly how I did in traditional media.	4
5	As Fiona (Customer), I want to see videos of how restaurants make their food, so that I can feel safe ordering it for me and my children.	4

6	As Fiona (Customer), I want to search for restaurants based on their cuisine, so that I can make sure the food I order meets my dietary needs.	5
7	As Bonny (Customer), I want to search for restaurants by price, so that I can stay within my tight budget.	4
8	As Bonny (Customer), I want to order food for pickup, so that I can have it ready when I arrive and save time.	8
9	As Fiona (Customer), I want to order food for delivery, so that I can order on my commute and save time.	4
10	As Steve (Restaurant Owner), I want a simple ticket system to see online orders, so that my kitchen doesn't waste valuable time learning the new system.	4
11	As Diane (Restaurant Owner), I want to see how often my restaurant appears in various searches, so that I can see what sets me apart from my competitors	6
12	As Steve (Restaurant Owner), I want a daily record of what was ordered, so that I can easily cross-reference with my physical inventory	4
13	As Diane (Restaurant Owner), I want to see how often my various menu items are ordered, so that I can decide where to expand and where to cut back	4
14	As Diane (Restaurant Owner), I want to see a distribution of when (time/date) my orders come in, so that I can choose effective promotional periods	5
15	As Fiona (Customer), I want to see the nutrition labels of any food I order, so that I can ensure it pertains to my dietary needs.	8
16	As Diane (Restaurant Owner), I want to show where my ingredients are sourced from, so that I can differentiate myself from the chain franchises.	6
17	As Javier (Customer), I want a personal profile page, so that I can link my other social media accounts, as well as my blog.	7
18	As Diane (Restaurant Owner), I want to see the demographics of the people that order from my restaurant, so that I can hone in on my target audience	6
19	As Javier (Customer), I want to share my thoughts on	5

	restaurants, so that I can grow my brand and public influence.	
20	As Diane (Restaurant Owner), I want my customers to be able to share media that links to my restaurant page, so that they can direct their friends there.	4
21	As Javier (Customer), I want to interact with other people's posts, by liking and sharing them, so that I can connect with my friends.	5
22	As Diane (Restaurant Owner), I want to see how customers are interacting with posts about my restaurant, so that I can directly see what they generally like and dislike	4
23	As Diane (Restaurant Owner), I want to make posts that target people who frequent my restaurant, so that I strengthen the 'local community' feel.	7
24	As Javier (Customer), I want to see how often my friends have eaten at a restaurant, so that I can judge how popular and 'trendy' that restaurant is.	8
25	As Bonny (Customer), I want to search for restaurants by location, so that I can make sure I have the means to actually get there.	9
26	As Bonny (Customer), I want a way to see how long it would take me to reach a restaurant via public transit, so that I can ensure I can make it there and back within my schedule.	6
27	As Diane (Restaurant Owner), I want online orders to be sorted by expected pick-up time, so that my kitchen can be efficient with their cooking.	5
28	As Javier (Customer), I want a website that has a fully-featured and intuitive mobile interface, so that I can easily access it on-the-go.	4

Release Plan:

Sprints will be one week long, and will last the duration of the course. By opting to use one-week sprints, we can have more frequent retrospectives - we felt this was important since it allows us to more quickly bring up any unforeseen issues to the rest of the team. In addition, shorter sprint times necessitates more planning and task-allocation sessions, which results in individual sprint backlogs being pivotal to the project as a whole. This provides us with some flexibility when prioritizing tasks and assigning developers.

Sprint Plan:

Sprint 1 Backlog

Story 1: As Steve (Restaurant Owner), I want a page to feature my restaurant's address and contact information, so that my customers can get in touch with me directly.

Acceptance Criteria:

- Given Steve wants to create a profile page for his restaurant, when Steve clicks on the "Create Restaurant" button, a web form with relevant fields should appear for him to fill out.
 - Given Steve has completed filling out the form to create a restaurant, when Steve clicks on the "Complete" button, he should be directed to a profile page for his restaurant, with the relevant info published.
- Given Steve wants to edit his restaurant's profile page, when Steve clicks on the "Edit Profile Page" button, the fields on his page should become editable textboxes.
 - Given Steve has finished editing his restaurant's profile page, when Steve clicks on the "Complete" button, the textboxes should become immutable once again.
- Given Steve is entering information into fields for his restaurant's profile page, when Steve tries to submit an inappropriate entry (e.g. alphabet characters in "phone number" field), he should be presented with a pop-up detailing the error(s).

Tasks:

- T1: Create Restaurant Schema (file that holds schema) to have a structure to follow for all restaurants
- T2: Create UI Form for restaurant owner to create restaurant info
- T3: Link submitted form to the database
- T4: Update front end to reflect changes to restaurant database
- T5: Test end-to-end interface

Story 2: As Steve (Restaurant Owner), I want to showcase personal stories and anecdotes about my dishes, so that customers can understand the history behind them.

Acceptance Criteria:

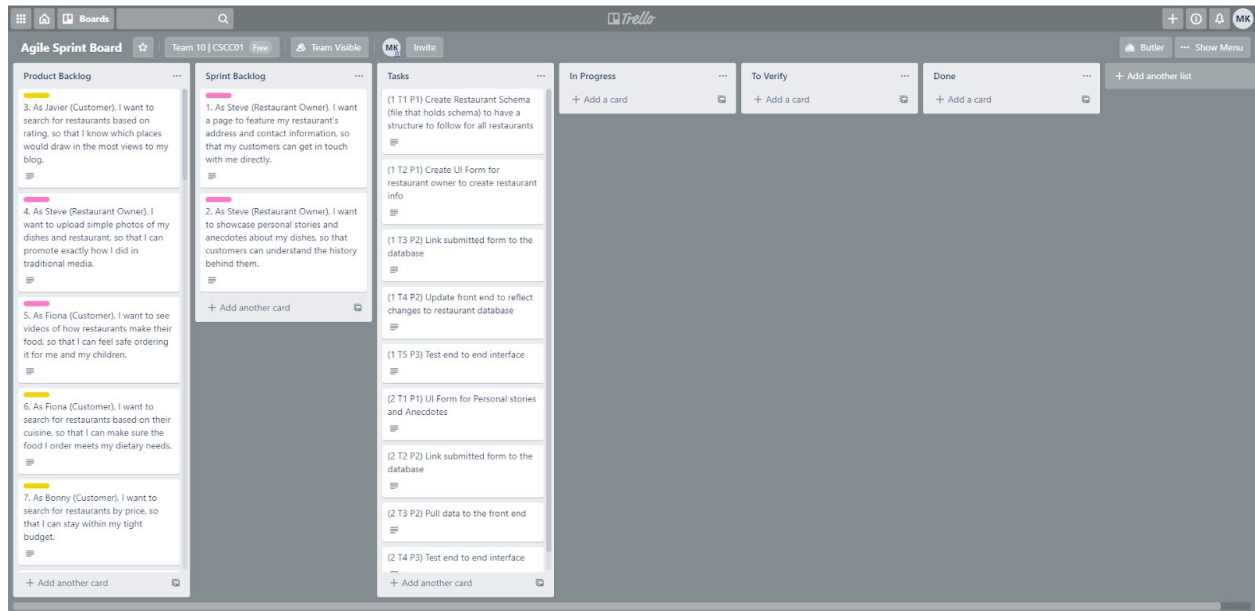
- Given Steve wants to add new text to his restaurant's profile page, when Steve clicks on the "Update Content" button, a web form should appear for him to fill out.
 - Given Steve has previously submitted content to his restaurant's profile page, when Steve clicks on the "Update Content" button, the web form that appears should be pre-filled with the current content.
 - Given Steve has completed filling out the form to update content, when Steve clicks on the "Complete" button, he should be directed to his restaurant's profile page, with the updated info published.

Tasks:

- T1: Create UI Form for Additional Text Info in Restaurant Profile Page
- T2: Link submitted form to the database
- T3: Update front end to reflect changes to restaurant database
- T4: Test end-to-end interface

Story	Task	Cost	Priority	Day 1	Day 2	Day 3	...	Assigned
1	T1	1	1					Husni
	T2	1	1					Jesse
	T3	2	2					Husni
	T4	1	2					Joseph
	T5	1	3					Joseph
2	T1	1	1					Jesse
	T2	2	2					Ahmad
	T3	1	2					Maduvan
	T4	1	3					Maduvan
Total		11						
Work Left								

Task Board Snapshot:



Burndown Chart Snapshot:

