

Document Type	Team Report ▾
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## MealSwipe: Team Weekly Report (Week 4)

### Status Report

*Write a one-third to one-half page status report describing the team's overall progress and challenges faced last week. Also discuss the team's goals and plan for this week.*

Last week we focused our efforts on planning, designing, and ideation. We completed a basic data design and UI mock-up. We have a good understanding of the most crucial app features but are still open to new ideas. Our main challenge, so far, has been figuring out which API to use in order to provide data for a reasonable price. After discussion with Dr. Ritchie, we decided to store data locally, at least in the early stages of the project, in order to reduce API calls and stay within budget. We will write the code in a way that data sources can be interchangeable, so we can replace our local data with a more exhaustive data source. Our plan for this week is to finalize the planning and design. By the end of the week, we will have all of the screen designs completed, our tech stack finalized, and an updated Jira board.

### Current Status

1. What did the team work on this past week?

Task	Task Lead	Status	Notes
UI Mock-up	Henry Chibib	In progress ▾	Several screens have been designed, few left

General System Design	David Rodrigue...	Done ▾	
Tech Stack Decision	@everyone	In progress ▾	
Repo and communication channels initialized.	Sanjay Sugumar	Done ▾	
ERD Diagram/ Database Design	Sanjay Sugumar	In progress ▾	

## 2. What feedback has the team received?

From Whom	Feedback	Next Steps
Group 4	Add option to bypass sign-in and location access	
Group 5	Open restaurants only by default; option to view closed restaurants	
Dr. Ritchie	Use local data, but write code so that data sources can be interchanged seamlessly.	David Rodriguez Sanchez : Get data from Yelp/Google Places API and download all restaurant data from College Station/Bryan.

## 3. Are any resources needed? If so, what?

Right now, we are planning to create an S3 bucket for DB holding. The database will have a pSQL instance for us to retrieve and create our scheme based on our ERD. The creation and maintenance of this s3 bucket will cost around \$10-15.00 USD a month.

## Plans for Next Week

What are your plans for this next week?

Task	Task Lead	Notes
Finalize a Tech Stack	Sanjay Sugumar	Check on Ionic for development. Use typescript for backend. AWS services to store data and stuff (pSQL).
Update Jira Board	Jacob Miller	
Start Sprint 1 (Become Scrum Master)	Henry Chibib	Set up and coordinate meetings.

Start on a bare bones MVP	@everyone	For the MVP, create a timeline showcasing about near-future goals.
Get Data from Google Places API	David Rodriguez Sanchez	Make sure this is done before first class next week.