

## Part 1: Finding Patterns

1. [Click here](#) to download a dataset of User Research data that was obtained from a survey designed for this project. You can also view the [survey questions](#).
2. Study the data and identify at least 3 distinct user personas for this app. Create at least three engaging User Persona documents as described in the lecture you saw on Software Planning.
  - a. **Mitchell - speed and location above all**
  - b. **Merrick - trying new restaurant is paramount**
  - c. **Jake - taste and speed without the guilt**
3. Based on your findings, decide on an appropriate name for the app. The name should be able to catch the attention of your primary user personas.
  - a. **MealHack**

## Part 2: Work Breakdown

1. A **minimum viable product (MVP)** is a product with most basic functionality (no more, no less) to be able to fulfill a concept. For this app's MVP, what should it be able to do? Make a list of features/functionality.
  - i. **For Customers**
    1. Show Restaurants Available
    2. View Menu Items with Prices
    3. Add Items from Menus to Cart
    4. Receive and Process Payment Info
    5. Track and Confirm Delivery
  - ii. **For Restaurants**
    1. Create restaurant profile
    2. Add/Edit menu items and prices
    3. Receive orders

2. Translate your list of features into a set of user stories with the proper tense. Make sure to include user stories for both people buying food as well as restaurants who are providing food.
  - a. **As a customer, I would like to quickly find restaurants nearby and their menus, to quickly place delivery orders for lunch**
    - i. **Place to enter delivery address at top of homepage**
    - ii. **Local favorites directly beneath to scroll/browse**
    - iii. **“Fastest near You” is the top sorting category once address entered**
  - b. **As a customer, I would like to receive suggestions for new restaurants near me so that I can regularly try new cuisines**
  - c. **As a customer, I would like to quickly locate healthy lunch options for delivery nearby, so that I can conveniently eat lunch, but maintain my health and fitness goals**
  - d. **As a restaurant owner, I would like to quickly add my restaurants profile and menu to make it visible to potential customers in the near vicinity**
  - e. **As a restaurant owner, I would like to quickly add and edit menu items and prices**
  - f. **As a restaurant owner, I would like to view data from all orders for research and branding purposes.**
3. Make a Trello board and add a card for each new user stories. Organize them into sections based on the different parts/users of your app.
  - a. <https://trello.com/b/yJNU55Lh>

## Part 3: Bring Your Idea to Life

1. Using Figma, create at least 3 lo-fi wireframes that show at least **one user story** of your app.
2. Design a homepage for your app. Include the name that you decided on in Part 1.
  1. Make sure to choose a color scheme, typography, and at least one photo.

## Extra Credit: Company Stack Research

1. Identify 3 software or technology companies the interest you.
2. Conduct research to figure out some or all of the elements of each company's technology stack. Check job openings/job descriptions, engineering blogs, and anything else that may have information about what the company uses to write/build it's software products.
3. Record your findings in a google doc. If you can find information about **why** the company chose that stack, include that as well.

### **Finished?**

Collect all of the documentation you generated for this assignment. Make sure your work for each part of the assignment is included. Upload to a new github repository.

**Turn in your assignment on your Student Profile in Frodo.**