Phase 0 Expectations: In Phase0 of the project, each group need to choose their dataset/scope/API and come up with their own list of project-tasks/requirement/functionalities that they are going to hand-in in each phases of the project (called Deliverables)

This phase includes the project planning in which the groups should come us with the followings:

1. List of tasks + Estimated time for completing each task + Deliverables in each phase of the project
2. Choosing the project scope/API

# You need to complete the following two parts:

**Part A: Project scope and list of tasks**

* Provide more details about the app and its scope/data service (products/API)
* Provide list of Tasks
* **Here is Sample Main tasks**
  + Choose the project scope
  + Working with APIs / Build our own ApIs
  + Research about existing APIs
  + Design layout + wireframe
  + Deployment to hosting service
  + Additional functionality (bonus)
  + Study/Learning new things
* Provide how you want to split the task and identify the deliverables of each phases of the project . Below is some sample tables

**Project work Splitting**

|  |  |  |  |
| --- | --- | --- | --- |
| Person | Step | Details | Date |
| John | Work on product-list UI | Create the component  Call API, implement pagination | July 24~26 |
| John | Work on product-list UI | implement pagination and error handling | July 27~29 |
| Sara | Add product search functionality | Create the component  Call API, implement pagination | July 24~26 |
| Sara | Add error handling on product search functionality and pagination | implement pagination and error handling | July 27~29 |
| … |  |  |  |

**Project deliverables**

|  |  |
| --- | --- |
| Phase/Date | Details (form, route,…) |
| Phase1: |  |
| Phase2: |  |
| Phase3 |  |
| Phase4 |  |
| Final Phase |  |

*Note: It would be nice if you can come up with a Gantt Chart to visualize the tasks and their allocated time/progress. You are allowed to modify the plan in other phases when we learn more about the project!*

**Part B: Project basic structure**

You gonna great the main project structure for the FrontEnd (NextJS) and Backend, including installing the required dependencies, folders, a sample project-welcome page that include your team-member name.

* You can choose how to structure your nextJS app:
  + type of NextJS Routing
  + Global State Management
  + Css Libraries, …
* You may setup the Atlas account for both of you to access to User-Table and other data that you want to store in MongoDB
* You may choose which cloud service you gonna deploy your app
* You gonna design the Webapp-Wireframe using Figma
* Set up collaborative environment including a git-repo and a communication channel, push the basic project structure to that