

1- A summary of your decisions and the options you considered for your component(s) (UI/frontend, logic/backend, database) so your TA knows what you have built and why. (Soft limit of 600 words. This doesn't mean you have to write 600 words. Quality is more important than quantity).

- UI decisions:
  - We decided to use HTML, CSS, and Javascript to create a basic working webpage
  - For the visual elements, we decided to incorporate a variety of colours and simple images, and animated gifs to appeal to young children (the project's target user)
  - We also added animations when the mouse hovers over certain icons for interactivity, which may also appeal to young children.
- Database decisions:
  - We decided to use the NoSQL database because we can reduce the strictness of the input type from the user through the web app.
  - We designed the JSON in such a way that it is easy to find the result of each task, by knowing the ID of the task completed by the user.
  - Firebase is used to build a responsive app such that it can work regardless of network latency or Internet connectivity (1).
  - Database is designed such that we have two containers:
    - Container1: people
      - The users and all of their information is stored, with all of the task IDs that they have completed as a list of task IDs, the task IDs are different with respect to the user who completed it, and the task that was completed.
      - This container will be developed when the login page is set up.
    - Container2: Tasks
      - All of the task IDs that correspond to a certain task and user, and the assessment result for that task.

2. Individual contributions explaining who did what. You can keep it to at most one paragraph per person to highlight any work that is not captured in any of the repos.

- Yasamin:
  - Designed and worked on the business logic such that we can connect the input from the user to the firebase database
  - Wrote the code related to the connection of the input to the database
  - Deployed the project onto firebase
  - Created the ID input for the user
- Saad:

- Gave ideas for the design of the database:
- Jolie:
  - GUI design for login page, dashboard, and task page
  - Created images & gifs used in UI using a third-party digital art software

3. All the details and instructions needed for your TA to see and verify your work. You need to provide enough documentation so your TA can confirm:

- a. Your software does what you say it does.
- b. You've done the work (i.e., it's something on your repo/servers, etc.).
  - Please see the video demo in our repo under the Team/ folder.

4. Your application (see deployment section below for details)

<https://disoveryapp-6e148.firebaseio.com/>

Work Cited:

1- [Firestore | Firebase \(google.com\)](#)