CODE FIRST GIRLS

Project Assignment
(handout for students)

Task description

This assignment is project based and will require you to work together with your group, and will be submitted by one of the members of your group.

Remember to list the other members of your group in the document.

At the end of this task your group project repository should be created on GitHub.

Your assigned marker will organise a call with you to discuss your assignment submission and give you written/verbal feedback, this will be mandatory and must be attended by all members of your group. If you are unable to attend due to extenuating circumstances, you must notify your group and assigned marker.

Part 1 –

1. Come up with a project idea you will all like to work on.
2. Submit a document that contains details of your project such as:
   o What is the concept/ what are you building? Think exactly about what needs to be built.
   o Who will this help? Who's your target audience?
   o How will you be working? What tools will help with that?
   o How are you going to organise the workload? Who does what and when?
   o What are the main features of your project?

Part 2 –

This is the design section

[Note: the recommended tool is software like Balsamiq, Figma, or any online wireframing tool]

Create a design wireframe of your project:
- Decide on how many screens you will need to produce and the flow expected for your user to follow
   o Make sure you have a minimum of 4 screens
   o Make sure you create a wireframe for each screen you are planning to have and explain the flow expected for your users to follow (*illustrate how one leads to the other? e.g., an arrow going from one to the other*)

- Submit quick summary justification for your design choices
  - o Are any good, are any bad? Why did you place x in y position
  - o Make sure that there are some colours - add justification for the colours used

Feel free to add this onto your project repo, also add this in your project details document that you will be sending to your instructors.

Remember that this is the blueprint for your entire project – your final project is allowed to be different though (just make sure you don't deviate too much! It's still a red flag to have the final project look entirely different than the finalised design).
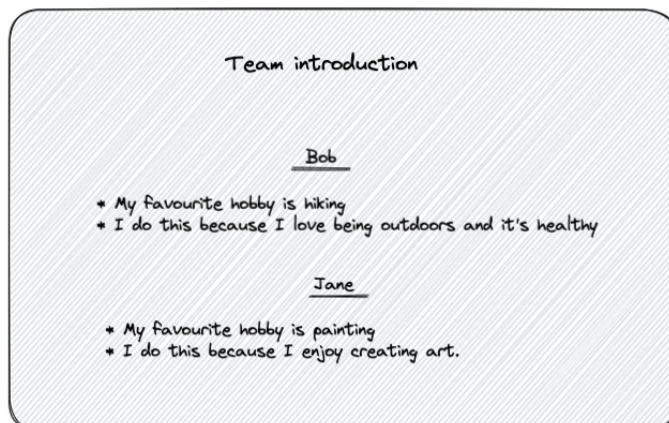
Part 3 –

Create a GitHub repository for your group project.
- Add all team members as collaborators, including your assigned instructor.
- Make sure all the files for your web app are in your repository.
- Each one of your team members will need to modify your App.js to add new content relevant to your app idea. This will be checked in the Git commit history.
  - o As an example each of you could add the following:
    - ▪ Name
    - ▪ Favourite hobby or activity you like to do (*e.g., for downtime*)
    - ▪ Why do you do it? Why do you enjoy it?

Remember to use a combination of tags: you must have at least one of headings + paragraph tags

Here is an example:

[*Note: Take a look at Lesson 5 slide material to remind yourself on how to create a react app.*]

Part 4 –

Submission format
- Create a repository on GitHub for the group project.
- Add your files to the repository.
- Include screenshots of your application in a document (e.g so that your instructor can see visibly what you've done)
- Invite your assigned instructor as a collaborator and share GitHub repo link with them via slack messages. Ensure your repo remains set to 'private'.
- Only one person needs to submit the project details document (*with wireframes included*) to your assigned instructor.

[Note: Make sure each team member adds good descriptive commit messages before pushing changes. Use branches, create pull reviews, and merge branches when successful.]

Hints
- *Create a GitHub repository for your individual mobile app (if you already have, then feel free to skip this step / already mark this as complete)*
- *When making changes to your project (e.g., when following the other tasks), make them with good commits!*
- *Create a branch, specifically on a new isolated feature or something you'd like to add, and make commits into it*
- *Push this branch upwards to remote, and create a new Pull Request with it. Make sure to write a good Pull Request, one that's descriptive! Think what external users may need to understand and know when reading your PR*
- *Merge this PR!*