**GROUP 1 WEEK 3 PROJECT UPDATE**

This is the template that should be used by each group to provide a **BRIEF** progress update to their assigned instructor. The completed document should be submitted as a PR on GitHub in the project repository and assign the allocated instructor as reviewer. Alternatively, if your instructor agrees, you can also submit it via DM to him/her. The deadline is **every Friday by 19:00.**

N.B! This template is just a starting point and not all sections need to be completed. It all depends on your progress and what you need more help within that particular week. Not submitting these reports will not affect your grade, but your instructor will not be able to provide feedback in any other way.

1. Please describe your project idea. If this changes from the previous week, please describe how; if it does not change, please just copy the main objectives of the project.

**The project idea is a Quiz Game. The Quiz game will do the following:**

* present multiple choice questions to the user based on Python3, the question style ranges from theory style to coding style questions.
* inform the user of the correct answer once an answer is selected, we do not currently aim to have questions with more than one correct answer. We will ensure this is the case by wording the questions in such a way that there is only one answer.
* score the users answers - We will grade the answers by giving the user points for every correct answer and then giving the user a total ranking at the end of the quiz i.e +1 point for every correct answer.
* Tkinker User Interface
* allow the user to login and see their last attempt
* store data in a database in SQL or python dictionaries

**We may include added optional extras such as:**

● providing a hint if selected (optional function, may not be included in end project)

● repeating the questions that the user scored incorrectly at the end

● having a Pygame or Flask Interface instead of Tkinker

● selecting modes of difficulty (Easy, Intermediate, Mixture, Death Mode)

● having a timer option with the ability to turn on and off

1. What did the group (or each member of the group) work on this week?
   1. What progress has been made?

This past week, we have started working on the bulk of our code. The code/SQL to create and populate the quiz question database has been created, the python connector code to this database has also been created (with some issues). The basic quiz back-end and UI for a 10 question multiple choice has been written, and a rudimentary UI interface has also been done. The login UI and backend has also been created, and is being connected with the other parts of the code.

* 1. How would you evaluate your progress (e.g., exceptional, good, satisfactory, bad, etc.). Why? Good, we have all worked on parts of the code, and have built up a good foundation.

1. What were the main challenges this week?
   1. How did you solve any issues encountered? What worked and what didn’t?

There have been some issues with connections and module errors which have slowed down progress, but we are slowly working through them. There have also been issues where one person has been able to run using certain requirements, but it causes issues when other people clone the repo. We provided suggestions to each other, and were able to find the solutions to some issues one by one.

* 1. What is still to be solved and who is in charge of the task? How did you approach the issue so far?

We need to link the login and quiz tkinter interfaces, so they don’t pop up as separate windows. We also need to add the forgot password part of the login. These will be worked on by each member to solve the issues. There are some issues with answer formatting, where we need to find the best solution to stop answers overlapping.

* 1. Please specifically mention any help you need from your instructor (we will also give general feedback and provide our thoughts and ideas, but this is your chance to specifically point to aspects where you are completely stuck).

Having had a chat with our instructor, we will put any issues we encounter in the issues part of GitHub. Each of us have some specific issues that we will put into the repo.

1. What are the group’s main objectives for next week?

We need to further develop the login, and link it with the quiz interface. We also need to fix the answer formatting, and make the Tkinter window more aesthetically pleasing. We also need to start writing unit tests for the files currently in the project.

**Project Management Weekly Status Report**

Please add rows as necessary

| **Completed Items** | | | | |
| --- | --- | --- | --- | --- |
| Task | Priority | Team Member | Estimation | Notes |
| Researched UI | Medium | Whole team | an evening |  |
| Agreed Game functionality | High | Whole team | 1.5 hours |  |
| Create Tables for questions in MySQL | High | Caitlin | 4 hours | Will need to be reviewed by the rest of the team |
| Trello Setup | Low | Rebecca | TBC |  |
| Github Setup | Low | Seri | TBC |  |
| Homework Week 2 | High | Team | 3 hours |  |
| Write Python/Tkinter code for Game i.e presenting Questions and Answers and answer selection | High | Doreen | 3 hours | Code written based on an API source for questions. Reviewed and remodelled by Rebecca |
| Code Python connection to SQL DB | High | Seri | TBC |  |
| Revised Python/Tkinter code to connect with SQL database & pushed to main | High | Rebecca |  |  |
| Research and code mock user profile/ login | medium | Bunmi | 1 day | Will need to be reviewed by the rest of the team |
| **In Progress** | | | | |
| Task | Priority | Team Member | Estimation | Notes |
| Project Documentation | Low | Seri | TBC |  |
| Write mock Sign up/Login for Game inc. tkinter | Medium | Shannice and Bunmi | TBC | Will need to be reviewed by the rest of the team |
| Further develop login code including aesthetics | medium | Bunmi and Shannicr | Tbc | Will need to be reviewed by the rest of the team |
| Code Unit tests for mock code developed by team and add to mock python code written for Game | medium | Rebecca | TBC | Will need to be reviewed by the rest of the team |
| Weekly progress report week 3 | medium | Rebecca | 1 hour |  |
| Fixing Answer layout/Bugs | High | Caitlin/Seri | 3 hours | Will need to be reviewed by the rest of the team |
| Populate read me file for running instructions | High | Doreen | 1 hour | Already written for a basic level, but will rewrite to reflect changes |
| Populate the issues area on GitHub with issues we encounter | High | Everyone | 1-2 hours |  |
| **Assigned but not Started** | | | | |
| Task | Priority | Team Member | Estimation | Notes |
|  |  |  |  |  |