Project Week:

The project duration is 5 days, where students will work in groups of 4 developers in each group. in this project we are simulating the real working environment in the software development companies, where developers implement the agile using Scrum methodology. In Scrum we are working in sprints, where for each sprint we have the following meetings:

- Sprint planning: it takes 2 hours on the first day of the project, in which we decide the project, the requirements, and assign the tasks among the team members.
- Daily scrum: is a daily meeting for 10 minutes between the team members to discuss what they did since the last meeting, what they will do now, and they will inform if they are facing any problem or challenge to be handled before affecting the team.
- Sprint Review: this will be 1 hour on Day 5 in which students will do a DEMO of their work and the team will discuss these projects and give their feedback.

Day	Stage	Goals and Deliverables
Day1	Analysis, Design	- Requirements Document (our idea, group members, functional requirements, ERD, Wireframe) - ERD - Wireframe - GitHub Repo - Trello Board (add all tasks to it)
Day2	Implementation (Frond End, Models)	- Clickable website - complete database
Day3	Implementation (Backed, Integration)	- Alpha version of the website
Day4	Testing (bug fixing, code freeze). Deployment	- The final version of the website
Day5	Presentation	- 20 minutes live DEMO per group

Tools:

1. Blasemiq (for wireframe)
2. MYSQL Workbench (ERD)
3. Trello
4. GitHub: for project documentation and presentation (PowerPoint is not required)
5. VS Code

Projects Requirements:

1. Create a Django application of 5 pages
   a. Login/registration page
   b. Minimum 3 functional pages
   c. About us page
2. The project must contain at least 3 responsive pages
3. AJAX must be used in the project
4. Project must be deployed to AWS
5. All forms should have validation/security.
6. The project must be documented on GitHub.