SOFTWARE ENGINEERING PROJECT TASKS

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| **Role** | **Actions** | **Comments** |
| **Solution Architect** Ravier | * Define each phase of the project * Define sprint cycles * Define the component of the code * Work on implementation of some backend functionalities |  |
| **Backend Engineer**  Maria | * Create a Postman project to test each end point of the backend (API) * Detect backlog and track the progress |  |
| **Backend Engineer**  Taylor | * Design Data Base and ER Design (UML) * Create a MySQL Data Base on the entities listed * Write CRUD operation for each entity |  |
| **Front end Engineer**  Cesar | * Find a template (HTML, CSS/Bootstrap) for the site * Integrate the different templates inside our Flask Framework * Propose a logo for the application |  |
| **Software Test Engineer & Technical Writer**  Rocky | * Write Software Requirement Specification * Write Unit Tests to test the project * Work on a Risk Management Documentation |  |

**Team roles Suggestion:**

0- Project Manager

1- Solution Architect

2- DevOps Engineer

3- BackEnd developer

4- FrontEnd developer

5- Software Test Engineer

EXPECTATION OF THE CLASS

1- Review of Database design and individual assignment for students to be able to show ER Design concepts

2- Teams will work on an overall project delivery and define each phase of the project by assigning backlogs to sprint cycles.

3- Show and tell sprint cycle progress, Issues during the phase

4- Develop software product and move the backlog and track the progress

5- Demonstrate Progress and modifications to projects and manage the code migration, version controls

6- Teams will come up and discuss the price tag they put on their product.

7- Final Project Presentations

