

Cegeka Homework for Session12 - Agile

Project Ideas :

- CONTROL4 SMART HOMES
- Renting Platform for Camping Equipment's
- Archaeological Sites Monitoring Application

Archaeological Sites Monitoring Application Agile Planning

EPIC: Creating databases	
USER STORY: As an application developer, I need a database to store the archaeological sites.	USER STORY: As an application developer, I need a database to store the users.
TASK: Import all geographic and historical data for sites	TASK: Create the logic behind the tables
TASK: Create the logic behind the tables	TASK: Create the user and admin tables
TASK: Create the sites tables	

EPIC: Designing App UI	
USER STORY: As a user, I need a login page, register page and a visualization page to see all the archeological sites in my area.	USER STORY: As a user I need a search bar, a history view for each archeological site and a language selector.

TASK: Create login page	TASK: Create the search bar
TASK: Create register page	TASK: Create the history view
TASK: Create visualization page	TASK: Create the language selector

EPIC: Implement the Backend logic	
USER STORY: As an application developer, I need to implement the logic for the login page, register page and the visualization page.	USER STORY: As an application developer, I need to implement the logic for the search bar, history view and the language selector.
TASK: Implement the functionality for the login page.	TASK: Implement the functionality for the search bar.
TASK: Implement the functionality for the register page.	TASK: Implement the functionality for the history view.
TASK: Implement the functionality for the visualization page.	TASK: Implement the functionality for the language selector.

EPIC: Improve the login page
USER STORY: As a user, I would like the validation on the login page to be very clear so that I can easily see when/if I make a mistake when I log in.
TASK: Implement the pop-ups for the invalidity of the username or password.
TASK: Implement the redirection towards the registration page if the user doesn't have an account.

EPIC: Implement SQL Injection security
USER STORY: As an application developer, I need to implement the logic to avoid SQL Injection vulnerabilities in my web application.
TASK: Validate user-supplied input for expected data types
TASK: Configure proper error reporting and handling on the web server and in the code so that database error messages are never sent to the client web browser