Level 5 Web Application Development: Unit 3 - Back End Development – Grading Sheet

Information

Name	Manal Abdulqawi		
Due Date		Date Submitted	
Grade Achieved	Distinction	GitHub Repo	https://github.com/ManalAbdulqawi/artwork-community

Criteria Breakdown

Criteria Code	Criteria	Achieved	Comments
Pass 1.1	Design a Front end for a data driven web application that meets accessibility guidelines, follows the principles of UX design, meets its given purpose and provides a set of user interactions.	Yes	Website has been designed well and has a good UX
Pass 1.2	Implement custom HTML and CSS code to create a responsive full-stack application consisting of one or more HTML pages with relevant responses to	Yes	Custom HTML and CSS has been written to create a responsive website

	user actions and a set of data manipulation functions.		
Pass 1.3	Build a database-backed web application that allows users to store and manipulate data records about a particular domain.	Yes	Users are able to store and manipulate data records
Pass 1.4	Design a database structure that is relevant to the domain, including relationships between records of different entities.	Yes	Database has been designed to include relationships between different records
Pass 1.5	Design and implement test procedures (automated or manual) to assess functionality, usability, responsiveness and data management within the Full Stack web application.	Yes	Testing has been performed to ensure that website works correctly
Pass 1.6	Write Python code that is consistent in style and conforms to the PEP8 style guide (or another explicitly mentioned style guide, such as Google's) and validated HTML and CSS code.	Yes	Python is consistent and HTML and CSS code has been validated
Pass 1.7	Write Python logic to demonstrate proficiency in the language.	Yes	Python logic written proves a proficiency in the language
Pass 1.8	Include functions with compound statements such as if conditions and/or loops in Python code.	Yes	Functions and compound statements used
Pass 1.9	Write code that meets minimum standards for readability (comments, indentation, consistent and meaningful naming conventions).	Yes	Code is readable
Pass 1.10	Name files consistently and descriptively, without spaces or capitalisation to allow for crossplatform compatibility.	Yes	Files have been named descriptively and correctly
Pass 2.1	Design a data model that fits the purpose of the project.	Yes	Data models are fit for purpose

Pass 2.2	Develop the model into a usable relational database where data is stored in a consistent and wellorganised manner.	Yes	Data is store consistently and is well organised
Pass 3.1	Create functionality for users to create, locate, display, edit and delete records.	Yes	CRUD has been well applied
Pass 4.1	Deploy a final version of the fullstack application code to a cloud-based hosting platform (e.g. Heroku) and test to ensure it matches the development version.	Yes	Website has been deployed using Heroku
Pass 4.2	Ensure that final deployed code is free of commented out code and has no broken internal links.	Yes	Website works as expected, no commented-out code or broken links
Pass 4.3	Document the deployment process in a README file that also explains the application's purpose and the value that it provides to its users.	Yes	Deployment process has been documented
Pass 5.1	Use Git & GitHub for version control of a Full Stack web application up to deployment, using commit messages to document the development process.	Yes	GitHub used consistently to create the website
Pass 5.2	Commit final code that is free of any passwords or secret keys, to the repository and to the hosting platform.	~~No~~	~~Database file has been included in the repo which could include passwords, this needs to be added to the gitignore~~
		Yes	Final code does no longer include the database file
Pass 5.3	Use environment variables, or files that are in gitignore, to hide all secret keys.	~~No~~	~~As above~~
		Yes	Env variables used effectivly, well done!
Pass 5.4	Ensure that DEBUG mode is turned off in production versions.	Yes	Debug mode not evident
Merit 1	Design a Front end for a Full Stack application following the principles of UX design which meets accessibility guidelines, is easy to navigate and	Yes	Web app well designed and easy to navigate

	allows the user to find information and resources intuitively.		
Merit 2	Design a Full Stack application that lets the user initiate and control actions and gives immediate and full feedback on data processes.	Yes	Website gives good feedback to the user
Merit 3	Implement a Full Stack application whose purpose is immediately evident to a new user and which provides a good solution to the user's demands and expectations.	Yes	Purpose is abundantly clear
Merit 4	Create templates, writing code that demonstrates understanding of template syntax, logic and usage.	Yes	Well written template files
Merit 5	Write robust code that is free of errors in all parts of the application.	Yes	No errors evident
Merit 6	Fully document the results of well-planned testing procedures (automated or manual) to assess the website's functionality, usability and responsiveness. Include evaluation of bugs found and their fixes and explanation of any bugs that are left unfixed.	Yes	Testing has been well thought out and completed well
Merit 7	Describe the data schema fully in the README file.	~~No~~	~~Database schema has not been described~~
		Yes	Database schema has been described with a data dictionary
Merit 8	Maintain database configuration in a single location where it can be changed easily.	Yes	Database config is inside a single file
Merit 9	Maintain a Procfile, requirements.txt file, settings file.	Yes	All such files exist
Merit 10	Implement working Create, Read, Update and Delete (CRUD)	Yes	CRUD actions have been implemented

Merit 11	Check that Create, Read, Update and Delete (CRUD) actions are immediately reflected in the user interface.	Yes	CRUD actions have been implemented and are reflected in the UI
Merit 12	Commit often for each individual feature/fix, ensuring that commits are small, well-defined and have clear descriptive messages.	Yes	Commits have been made little and often
Merit 13	Fully document the deployment procedure in a section in a README file, written using consistent and effective markdown formatting that is well-structured, easy to follow, and has few grammatical errors.	Yes	Deployment procedure has been well documented
Merit 14	Present a clear rationale for the development of the project, in the README, demonstrating that it has a clear, welldefined purpose addressing the needs of a particular target audience (or multiple related audiences), explaining the data, and explaining the security features considered.	No	Rationale for development not present
Comments Towards Distinction			