SRS

Powerful Women

First web application

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**Introduction**

This software requirement specification (SRS) document outlines the requirements for a web application that allows visitors to view information about women and their reviews, add information about women, and submit reviews for existing women.

**Functional Requirements**

1. The web application must be able to display information about all women stored in the database.
2. The web application must provide a form for adding a new woman to the database.
3. The web application must be able to delete a woman from the database, specified by the id provided in the URL.
4. The web application must display a woman from the database, specified by the id provided in the URL.
5. The web application must allow visitors to submit reviews for existing women.

**Non-Functional Requirements**

1. The web application must be built using the Flask web framework.
2. The web application must use SQLAlchemy to interact with a SQLite database.
3. The web application must store uploaded files to the 'static/upload/' folder.
4. The web application must allow files with the extensions 'png', 'jpg', 'jpeg', 'gif', and 'jfif' to be uploaded.
5. The web application must have a maximum allowed file size for uploads of 16 MB.
6. The web application must run in debug mode.
7. The web application must provide an 'about us' page.
8. The web application must be able to migrate changes to the database.

**Constraints**

1. The maximum allowed file size for uploads is 16 MB.
2. Only files with the extensions 'png', 'jpg', 'jpeg', 'gif', and 'jfif' can be uploaded.
3. Uploaded files are stored in the 'static/upload/' folder.
4. The web application must be built using the Flask web framework.
5. The web application must use SQLAlchemy to interact with a SQLite database.