Technical Specifications

Project's name: OtakuVerse
Date: November 1st, 2024
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Compagny: …
Domain: Personal Project

Could you please share your manga, manhua, or manhuwa list? Yes, you can share your favorite manga or anything else with your friends using the OtakuVerse application. You don't need to search through your notes or memories to do so.

Summary:

1. Goals and Challenges
2. Functional requirements

Goals and Challenges

Main goal:

- Can keep a trace of your favorite works.
- Have different levels of managing the app.

Strategic challenges:

- Can access everywhere with an internet connection.

Success criteria:

- Can get your list on different devices
- Run on IOS

Version: 1.0

Functional requirements

- **Functionality 1:** *User connection or creation*

  You can create a user or you can connect you with your credentials.

  Conditions for success:
    - Informations:
      - Username
      - Password

- **Functionality 2:** *Get information about user*

  A page with all information about the user.

  Conditions for success:
    - All information
    - Password have to hide

- **Functionality 3:** *Can like or dislike a work*

  Update the database of the user.

- **Functionality 4:** *Each work has its own card*

  A card with some informations about the work.

  Conditions for success:
    - Informations:
      - Title
      - Genres
      - Current chapter / total chapters
      - Progressions bar
      - Status
    - Buttons:
      - Like or dislike
      - Information
      - Read
      - Delete

- **Functionality 5:** *Each work has its own information page*

  You can open a page with all informations about the work.

  Conditions for success:
    - All informations of the work in the database

- **Functionality 6:** *Filters system*

  Create a filter system to search a work by different possibilities.

  Conditions for success:
  - Informations:
    - Title
    - Author
    - Genre
    - Categories
    - Status
  - To change the way to search a work

- **Functionality 7:** *General Information*

  The informations need to be displayed in the home page, with the search bar.

  Conditions for success:
  - Informations:
    - Total work
    - Total chapters
    - Total unread chapters
  - These information have to be updating every time. *(When you read a chapter, the total unread chapters count will be updating.)*

- **Functionality 8:** *Export own user database*

  Users must be able to export their own database.

  Conditions for success:
  - A section to export the database
  - Let user choose the name of the file
  - Export in csv format ?

- **Functionality 9:** *Export the works database*

  Only the administrator can export the works database.

  Conditions for success:
  - Only administrators have access to the database
  - In csv format ?

- **Functionality 10:** *Import database oeuvre*

  Only the administrator can import a works database.

  Conditions for success:
  - Only administrators have access to the database
  - In csv format ?
  - Import a image to change the old image of a work

- **Functionality 11:** *Create a work*

  Only the administrator can view the page. Create a page with sections to fill in to create a work.

  Conditions for success:
    - Informations:
      - Title (TextField)
      - Number of chapters (TextField number)
      - Current chapter (TextField number)
      - Synopsis (TextField)
      - Author (Dropdown menu)
      - URL scan (TextField)
      - Categorie (TextField)
      - Status (Dropdown menu)
      - Genre (Multiple choose menu)
      - Image (Button to import an image)
    - Save informations in the works database
    - You can not create a work which already exists

- **Functionality 12:** *Create an author*

  Only the administrator can view the page. Create a page with sections to fill in to create a author.

  Conditions for success:
    - Informations:
      - Name (TextField)
    - You can not create an author who already exists

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