Development
Winter Assignment

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Contents

Information Management Group

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Mark with Stark

LAST DATE OF SUBMISSION: Mar 12, 2023

Overview

Stark has reviewed the work of junior developers, but he wants to add more features. Being a senior developer, he contacted you. That is why you must implement the additional features along with those listed in the **Infinity Stone: Mobile Development** project.

Objectives

Essentials: These (additional) features **MUST** be implemented:

a. Persistent Authentication: No need for logging in again and again, right?
b. Save the markdown (s): The user should be able to save the markdown as a file and upload it.
c. Home: Add a home screen where the user can see all the previously written markdowns. The users should be able to create, update and delete the existing markdowns from here.
d. Markdown Sharing: The user should be able to share a link of the markdown file, clicking which will open that markdown in the app itself.
e. Searching: Add a search bar where users can search the markdowns by their file name.
f. Sorting: Add different sorting filters for the files.

Brownie Points

Your project may or may not contain these features, but implementing them will help it stand out!

a. A beautiful and not obsolete UI:)
b. Make the search bar more relevant! Try to add search for text within markdown files as well.
c. Add live changes while writing the markdown itself instead of seeing them in the preview screen.
d. Use GitHub actions to publish an .apk file for the app and add it to the GitHub releases section!
e. Dockerize your application.

Frequently Asked Questions

1. **Is this an individual or group project?**
   This is an individual project, and submission is limited to one per person :)
2. **What tech stack can I use?**
   You are free to use anything and to build your mobile application but using flutter will be preferable!
3. **Can I follow online tutorials?**
   Yes, of course! However, we do not encourage direct copies. We expect you to understand and take inspiration from tutorials, but the core effort should be your own.

Still, have a Question? Ask Us!

We at IMG are here to help throughout your development from a learner to a web developer. Just ping us at any point if you are stuck; we surely like to stick to the motto, "Help will always be provided to those who ask for it."

Remark: Please post your queries on the discord server. We would be delighted to see your progress. Even if you don't reach the end, what's most important is that you learned something new. That's all that matters to us. We're always looking for talented developers and designers who have a constant desire to learn and grow. So, please submit your code to us via a GitHub link for a public repository. If your hard work is reflected in your code, you may even get a chance to directly appear for recruitment interviews.

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