

Meeting Notes 10.11.2021

Facilitator: Alexander Wiegel

Objective: Preparing the pitch

Meeting Place: Discord

Start time: 3:10pm

End time: 7:30pm

Attendees

- Alexander Wiegel
- Huzaifa Huzaifa
- Shazeem Ashar

Meeting Notes

Discussion of idea(s)

- Huzaifa presented an idea about an app for renting apartments among students
- Alex presented his idea of an app for collectors called "Magpie"
- the team decided on Alex' idea

Preparing the pitch

- we went through the document to make sure we do not miss anything
- we talked about the **relevance** of the app:
 - there are already websites and even apps for collectors, but according to our research, all of them are only for specific kinds of collections --> **Magpie is for everything**
 - with the features that would come with using a machine learning model, Magpie would have a feature that no other platform has (e.g. websites or apps)
- we decided on the following features:
- must-have features:
 - **login & signup** (even though this is not required for the course)

- **list database items**
- **CRUD** operations on collections & collection items
- **responsive design**
- nice-to-have features:
 - **favorite** collections & collection items,
 - **ordering** them,
 - and **searching** for them
 - **user statistics**
 - machine learning model that categorizes a photographed item,
 - and detects if an item is already in the collection
 - a **social network** for sharing your collection
 - **using the Unsplash API** to get high-quality, free images from Unsplash.com
- we came up with the following **technology stack**:
 - **Flutter** 2.5.3 (latest stable version)
 - **Dart** 2.14.4 (latest stable version)
 - **Node.js** 16.13.0 (latest LTS version)
 - **MongoDB** 4.4 or **sqflite** 2.0.0+4 (SQLite plugin for flutter)

Summary

Discussion & Decision

- we took a look at our meeting notes and decided on a weekly meeting time

Next Steps (can always be seen on Trello)

- attend the lab session on Thursday 11.11.2021 and hold the pitch (Alex, Huzaifa, Shazeem)
- attend the next meeting
- discuss the usage of MongoDB or Sqflite
- ask professor for advice on the DB and on the usage of Docker or VirtualBox
- make a git folder for the team notes and one for the configuration/script for the VM
- make sure to use a RESTful API (by talking about it)