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| Full Stack Web Development Specialization Capstone Project |
| Ideation |
| Course Manager |

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1. Introduction

While developing an app, you go though many different tutorial videos in order to get the skills you need. That’s why I want to create Courses Manager, an app that tracks all the different courses/videos that a user sees to avoid watching a video multiple times if I don’t want to.

Courses Manager is a simple application that works as proof of concept. The end-user will benefit from this app in many different ways, such as: avoid watching a video that you already saw, keep history of the videos that saw long time ago that can guide another person to acquire the same skill as the end-user or even refresh your memory in that subject. Moreover, an organization could benefit from it to keep an historical of the training videos a user see as part of their training.

2. Expected List of Features

As part of Course Manager you can expect to see the following features:

* Authentication: a way to personalize each end-user experience and provide security for your data.
* Site Registration: if an end-user is not registered in the system, then he/she can register to start using Course Manager.
* View Courses: a place where the end-user can see the historical of videos that he/she already saw.
* Add Course: a view where the user can add every new video seen.
* Delete Course: if you decide you do not want to keep record of a video you saw, you can delete it from the list.
* Update Course: if a mistake or an update it’s needed to do, the end-user can make any of the changes that he/she feels appropriate.
* About Us: a view where the end-user can see who we are.

3. Market Survey

By doing a market survey I saw few other apps that have similar ideas, like:

* Course Manager: same name, but different approach. This app let you calculate the class average, based on the courses you entered.
* Course Manager: another app with the same name, but a different from the others. This one will let you see the schedule of your classes and location in campus.
* University Courses Manager: This app track all the physical courses taken on a university and provide reminder of assessments, basic info from the professor, and message exchange between the professor and the student.
* Egenda - Homework Manager: This app will let you add classes and assignments, really similar to other apps in the market.
* Class Management: This app let you log the class session with notes and the participation of the students. This app is more towards leaning the professor than the student to track and monitors the class.

By doing my market survey I learned that there are a lot of similar applications in the market that tracks and monitors courses. These apps track different features, from calculating the class average to class schedules or just simply notes. Where my idea is unique, is that it will log the videos, tutorial or courses taking by an autodidact student. My idea differentiates from the others is that you don’t need to attend school or college to use it. Moreover, it will use only the student to track the progress and not to manage their time or interaction with the class itself.

4. References

Course Manager: (iRR Software) <https://play.google.com/store/apps/details?id=com.isa.gestordecurso&hl=en>

Course Manager: (Howard Zhou) <https://play.google.com/store/apps/details?id=com.navi&hl=en>

University Courses Manager: (Azham Hussain) <https://play.google.com/store/apps/details?id=com.finalprojek.project2&hl=en>

Egenda - Homework Manager (gr8bit Studios) <https://play.google.com/store/apps/details?id=studios.gr8bit.schoolmanager&hl=en>

Class Management (Kalon Hinds) <https://play.google.com/store/apps/details?id=com.kjhinds.classmanagement&hl=en>