|  |  |  |  |
| --- | --- | --- | --- |
| **CS102** | **Fall 2020/21** | Project Group | 1d |
| Instructor: | **Uğur Güdükbay** |  |  |
| Assistant: | Sinan Sonlu |  |  |

|  |  |  |
| --- | --- | --- |
| **Criteria** | **TA/Grader** | **Instructor** |
| Presentation |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
| Overall |  |  |

~ Sustainibility Coach ~

Saviors of the GreenWorld

Batuhan Balaban 21703122 | Berkay Yiğit 21702109 | Murat Ertan 22003067 | Selman Eldeniz 22003385 | Özgür Göker 22102317

|  |
| --- |
| Requirements Report  ( volume one )  18 October 2022 |

# Introduction

This project, named Sustainability Coach, is a coaching program that guides the users to  [pursue](https://tureng.com/tr/turkce-ingilizce/pursue) a more eco-friendly life style. The main objective is to change living habits by gamification and a mild social competition. In simple words, the project consist of three connected parts. First one is a list of daily achievements supported by a reward system. The second part contains a forum where users can comment on news related to environment and discuss. The third part includes a news section where admins can enter news that users comment on or share. The connection between these parts are explained in the next section.

# Details

## Project Topic and its Importance

The main objective is to change living habits by gamification and a mild social competition. Three parts of the projects are as follows. First part is a tree of daily achievement that will be completed one by one. List of achievements includes using public transportation instead of personal car or using your own thermos instead of a plastic cup in the coffee shop. User completes tasks and reports it to the program. Then program gives points or tokens or badges. The goals are drawn in a three diagram where objectives gets more challenging and achievements are sorted according to their content. The second part is a forum where users can comment on news related to environment and discuss. People’s ranks that they gained through achievements are displayed in this forum next to their names. Their ranks also displayed in an online list in the forum. The third part is a news section where admins can enter news that users comment on or share. The news are not published by everyone due to quality and [disinformation](https://tureng.com/tr/turkce-ingilizce/disinformation) concerns. Admins are again users but they have additional responsibilities.

…Here explain the importance.

## Differences and Similarities to Existing Projects

There are three main mobile apps that are similar to our project in serval regards. These are Duolingo, Fabulous Daily Routine Planner (abbreviated FDRP for convenience) and Dr. Wolf. The common feature of these apps is that they guide users to do better in some topic. The topic is learning a language in duolingo case, life habits in FDRP case and chess in Dr. Wolf. Only the features of apps that are relevant to our project are listed. The layout of douolingo and its concept is similar to our project. The objectives are ordered from easy to difficult and the user is rewarded by points. It also has streak feature where if you do the tasks daily, you are rewarded. Heart feature allows user to do five wrong attempts, which prevents tasks to become trivial by trying countless times and not learning anything. It also allows to share progress. FDRP first conducts a survey on the user and then helps to set up personal goals like drinking water. It does so by telling a story. The common and relevant feature of duolingo and FDRP is that they remind the user do the tasks daily. The last one is a bit different. It coaches the user to do better in chess. The relevant feature to our project is that there is an NPC (non-player character) who talks to the user. These listed features could be added to our project though our project is more likely to be a computer program than an app.

Differences between duoling, FDRP and Dr. Wolf is that all these apps targets personal development. Ours is about the globe. The motto could be “Not development for self but for the globe.” So it is more of a social issue. Thus, social forum and news feed are possible in our case. In that forum people will comment on and discuss about news regarding the planet. News will be supplied by the app. These features are not part of the apps listed.

## Technologies and Libraries Used

## The final product

## Our projection

# Summary & Conclusions

And finally… don’t forget that Word can help to check your spelling (and grammar!)

Maintaining lists of research references that can be reused when writing journal articles can be a real pain, especially when citation styles vary so much from journal to journal. When you have time I suggest you look at reference managers (e.g. JabRef for BibTeX, or websites such as CiteSeer), as well as other document creation options (e.g. LyX, LateX and OpenOffice.)

Good Luck.