**Progress Report**

**- Increment 1 -**

**Group 22**

# Team Members

Olivia Judah - ogj21 - ojudah

Nicolas Caballero - nc19m

Felipe Lima - fnl21

1. **Project Title and Description**

ListPix. Social media application where the user gets a list of goals to complete (a bucket list) of random activities when making an account. Users post pictures of themselves completing these tasks, aiming to complete as many bucket list items as possible.

1. **Accomplishments and overall project status during this increment**

Describe in detail what was accomplished during this increment and where your project stands overall compared to the initial scope and functionality proposed.

We began by discussing the requirements of the project. So, our first step was documenting all of the features and necessities we believed to be feasible for the project scope. Next, we began the designing how our users would use our application and how specific features would look logically and on the interface. Then, we implemented the framework using Django, so we had code we could run. Finally, we set up our GitHub repo so that we can track further progress on features and bugs through GitHub’s issue tracker.

1. **Challenges, changes in the plan and scope of the project and things that went wrong during this increment**

Our biggest set back was understanding how to use Django. This was a learning curve and took some extra time but we ended up sticking it out. We did have to condense how many different pages we wanted on our application so that the features and pages we do have, have improved logic and functionality. We needed to make this change so that we were not overloading ourselves with work, and so that the critical features are working properly.

1. **Team Member Contribution for this increment**
   1. the **progress report**:
      1. Olivia: 3, 4, 5, 6, 8
      2. Nicolas: 1, 2, 7, 8
      3. Felipe: 1, 2, 8
   2. the **requirements and design document**, including the sections they wrote or contributed to
      1. Olivia: 1, 2, 3
      2. Nicolas: 1, 2, 3
      3. Felipe: 1, 2, 3, 4, 5
   3. the **implementation and testing document**, including the sections they wrote or contributed to
      1. Olivia: 1, 2
      2. Nicolas: 1, 2
      3. Felipe: 1, 2
   4. the **source code** (be detailed about **which** parts of the system each team member contributed to and **how**)
      1. Olivia: reviewed
      2. Nicolas: Implemented all files to set up Django and the framework of our application
      3. Felipe: reviewed
   5. the **video or presentation**
      1. Olivia: presented in video
      2. Nicolas: presented in video
      3. Felipe: presented in video
2. **Plans for the next increment**

Our main goal is to implement the logic for the randomly generated bucket list. We also plan to achieve some progress on our UI, so that our application is more put together on the frontend. We intend to have more PRs and linked tasks so that we are able to see our progress and track potential bugs. This will also help us see if we have any weak points in our project.

1. **Stakeholder Communication**

Currently the general project framework has been set up with Django. There is not currently a working user product, but there are basic models for Users and for each individual Post. The functionality of these models is available only to admin accounts currently. Using the admin page, admins are allowed to add/update/delete users, create/update/delete profiles, create/update/delete posts. Admins are allowed to edit users’ names, and bios at this time. The prompt to enter a profile picture is available, but the actual functionality for adding pictures is not working yet, this also applies to the post feature. While it would be possible for admins to also create posts, we haven’t yet implemented the functionality for the admin to add posts. There is a folder we created in the app for storing the html templates (the user interface) and also a folder we created for storing image urls. The files in this templates folder are mostly blank as we haven’t done much frontend development yet. Also, as mentioned previously, even though we have a folder for uploading images the actual functionality doesn’t exist for uploading images. In terms of the database management, we previously considered using firebase to store all of our data. We have since discovered that the ORM that comes standard with the Django framework is sufficient for what we need. Overall, we have a decent setup for developing the project further. Most of the setbacks we have encountered so far have been with learning how to use the Django framework. We are still learning how the framework works, but once we become more familiar with the framework it will only become easier to program and add functionality to our app. It’s important that we also acknowledge the potential consequences of making a naive mistake early on. It may be difficult to change the code as the application develops so it’s essential that we mitigate these risks by thoroughly understanding the framework before doing any major development. In a larger context, it could be difficult for software development teams to completely understand how a framework operates. Also as code is added to large software projects, small mistakes can cause code to be confusing or require a complete rework of the old code.

1. **Link to video (Next Page)**

Recording Link:

<https://us06web.zoom.us/rec/share/pMk6vDScJjdtAavuAnhmW_UGesmyaekr_aZwe3HzjnR4zdodpiHUT9QYkGKzYOZ3.QI4gppzYcDN1VHr9>

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