**Prototype Requirements**

**09:PETS WALA**

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| --- | --- |
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| --- | --- | --- |
| **Content** | **Totals** | **Obtained** |
| Requirements completed | 30 | 30 |
| Demonstration/deployment | 25 | 25 |
| Code Quality (Review checklist) | 15 | 10 |
| Video | 20 | 20 |
| Quality of sample data in the database | 10 | 5 |
| Who did what |  |  |
| Review checklist |  |  |
| Overall formatting/template |  |  |
| Late submission penalty | -20 | -10 |
| **Total** | **100** | **80** |
| Review |  |  |
| **Grand Total** |  |  |

* Missing comments in the code
* ~~Did not show working of the functionality in the video: how will items be added, edited, searched etc.~~
* ~~Are you fetching data from the database? From a review of the code, it looks like that data is hardcoded.~~
* ~~No apk in the github repository.~~

**Table of Contents**

[1.](#_gjdgxs) Introduction 3

[2.](#_30j0zll) Instructions 4

[3.](#_1fob9te) List of Requirements 5

[4.](#_3znysh7) Where to Access the Prototype 6

[5.](#_2et92p0) Review checklist 6

# Introduction

The project comprises an application catered towards pet owners, pet shops, sellers of pet accessories, veterinary doctors, pet rescue volunteers, and pet shelters/rescue teams. The application aims to link all these different entities through a variety of useful and helpful functionalities; pet owners would be able to search for different accessories, as well as finding good veterinary doctors for their pets, making their lives much more comfortable and better. They would also be able to interact with other pet owners and share photos and stories of their own pets as well. They could share helpful information with other pet owners. Any user of the app can also help with the animal rescue process by reporting pets to be rescued to the relevant rescue teams in the area.

# Instructions

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* Select a subset of system requirements and implement them. The end result of the prototype phase must be a working system with the selected set of requirements implemented completely. No mock-up screens will be accepted.
* Don’t select simple requirements such as Login/Logout for prototype phase, you can implement them later.
* Select the set of requirements keeping in mind that you have a total of three weeks for prototype development. I would ask you to add more requirements if I think that you can do more in the given duration.
* The prototype must be built using the tools and technologies which you have selected for your system development.
* By the end of the prototype development phase,
  1. You should have learnt development tools and technologies.
  2. You should have a clear idea of detailed technical architecture of your system. After the prototype phase, you will be required to define detailed technical architecture of your system.
* **Prototype Submission**
  1. Properly tested **working prototype** deployed on an online hosting platform.
  2. **Code** with proper comments uploaded in “prototype” folder of your project’s Github repository.
  3. **3-4 minutes video** that explains the functionality of your prototype—to be uploaded in “prototype” folder of your project’s Github repository.

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# List of Requirements

As demonstrated by our project plan, we will be focusing purely on one user group: Casual App Users, and as such, the requirements listed are concerned with (but not limited to) Casual App Users.

|  |  |
| --- | --- |
| **Requirements** | |
| **Sr#** | **Requirement** |
| 1 | **Register Account:**  The user makes an account by filling in their credentials and selecting the purpose of their app experience. |
| 2 | **Updating Profile:**  The user can make desired changes to their profile. |
| 3 | **Set Up Pet Store:**  Set up a Pet Store for the Casual App User to interact with. |
| 4 | **Set Up Pet Accessory Shop:**  Set up a Pet Accessory Store for the Casual App User to interact with. |
| 6 | **Seller Side Inventory Management**  Basic inventory management for seller to add, remove and update products |
|  |  |

# Where to Access the Prototype

Although our final product will be available to download ideally from the Google Play Store (or will be uploaded and made available for download online) by the end of our project, the Prototype will be available to download from our GitHub repository as an APK.

The DataBase is hosted on firebase for data fetching and updating backend database.

# Review checklist

Before submission of this deliverable, the team must perform an internal review. Each team member will review one or more sections of the deliverable.

|  |  |
| --- | --- |
| **Section** **Title** | **Reviewer Name(s)** |
| 1,3,4 | Adil |
| 1,3,4 | Ayan |
| 1,3,4 | Mohid |
| 1,3,4 | Roshan |
| 1,3,4 | Sabahat |

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