ATILIM UNIVERSITY SE-112 INTRODUCTION TO SOFTWARE ENGINEERING

Project 1

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**E-PHARMACY**

Our aim in this project is to ensure that people can access the products they need such as medicines, personal care, cosmetics, etc. with fast and reliable content. For this purpose, we are developing an application that works with Swift on the IOS operating system and Kotlin on the Android operating system. Thanks to our application, people will be able to obtain the products they need through couriers. E-pharmacy is not an application open only to certain people, it is an application that can be easily accessed by anyone who registers with their ID and wants to use the application. Users can view, add to cart and purchase all kinds of products related to health and personal care. In addition, it is now very comfortable to access the contents of the products thanks to E-pharmacy. You don't need to spend hours asking someone or researching terms you don't understand. Our app decodes the Latin names of the ingredients on the label and shows you the percentage of harmful ingredients. Our product ratings are 100% unbiased.

For prescription products, the prescription number obtained from the hospital will be checked by the E-pharmacy application with a QR code and opened to your access.

**Project Management**

|  |  |  |  |
| --- | --- | --- | --- |
| Task | Activitiy | Duration(weeks) | Predecssors |
| A | Financial Calculations | 2 | \_ |
| B | Determine the software language of the project | 1 | \_ |
| C | Necessary equipment is installed | 2 | B |
| D | Find software developers suitable for the selected software language | 2 | A |
| E | Application design is done | 8 | D |
| F | Agreements are made with courier and transportation companies | 3 | E |
| G | classification and content control of drugs | 2 | F |
| H | Final testing and distribution of products | 2 | G |

metin, ekran görüntüsü, öykü gelişim çizgisi; kumpas; grafiğini çıkarma, yazı tipi içeren bir resim

Açıklama otomatik olarak oluşturuldu

**Risk Management**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Risks** | **Affects** | **Description** | **B-Plans** | **Risk Effect**  1-4 (Ineffective)  5-8 (Effective)  9-12 (Very Effective) |
| Staff turnover | Project | One of the software engineer of company leaves the Project while it is ongoing | having engineers in reserve who can be hired for this | 8 |
| Product Competition | Business | another company submits a similar project before the project is finished | increase the recognition of the app with more advertisement | 9 |