



## Introduction

Expiration Product Tracking application (EPTA) was build to solve some of the current issues related to products' expiration in Saudi Arabia society so to protect the health of its communities and propagate recycling actions in the most easiest and convenient and short way

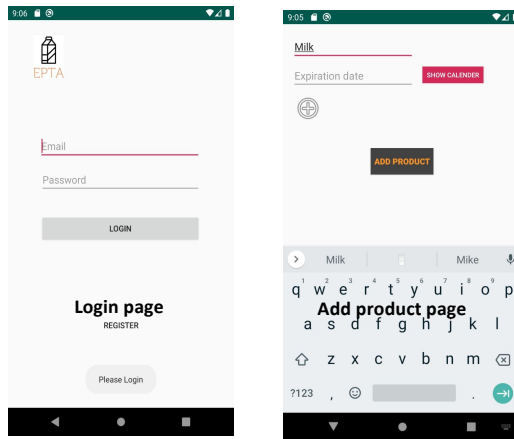


## Objectives

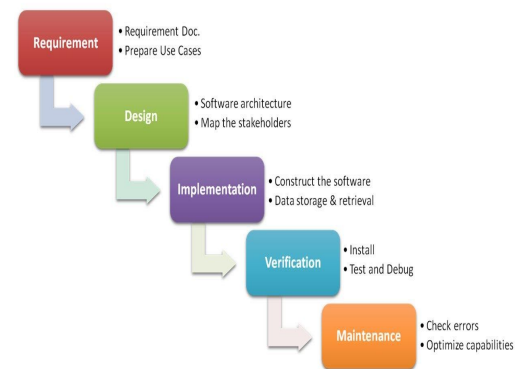
- ✓ To truck and manage wasting products before they get expired and useless.
- ✓ To notify and minimize health dangers preventing the consuming of expired products
- ✓ To motivate community for more recycling



## Results



## Methodology



## Future Works

Due to restricted time of effort this team managed to develop a system and settling all the requirements and features of this graduation project. But there is always room for improvements by adding more features in the system improving its existing design and function.

For example, there could be an improved calendar of warnings on expired products' dates that could be shared with a whole family or group of roommates etc. There could be included more scanning technologies like QR code reader to trace down those products or even enrich with more information their presentation in this app.



## Conclusions

The team members of the EPTA delivered a full report, working as a detailed analysis of this project requirements and specifications, of its app design system made to address those and full explanation of how this mobile app was implemented step by step. The basic tools used to build this mobile app was Android Studio, Java as the programming language to make its user interface and functions and Image Processing technology

## Acknowledgements

First and foremost, we would like to present our deepest gratitude to Almighty ALLAH for his bounties and blessings and for giving us the ability to finish this project

We would like to express our deep appreciation and our sincere gratitude to our supervisor Dr. Pavlos for his valuable advice guidance throughout this project. Finally, we would like to thank our families and friends for continued encouragements and support during this project and along the years of study.

## References:

1. "https://www.draw.io," [Online]. [Accessed: 15-Oct-2019].
2. "The role of risk aversion and brand-related factors in predicting consumers' willingness to buy expiration date'based priced perishable food products"