SWE 444 Final Report

**Cover page**

* Project title: PICK A DISH
* Team members:

Asmaa Alrubia - 435200178

Nora Alkhunifer - 435201094

Sara Almeshrai - 435202339

* Section number: 47406
* **Supervisor: Bushra Alkadhi**

Table of Content

[Abstract 3](#_Toc501370489)

[Technical Details (Platform – Language - Tools) 3](#_Toc501370490)

[Final Product Backlog 3](#_Toc501370491)

[**Original product backlog status** 3](#_Toc501370492)

[**New features added to the product backlog** 5](#_Toc501370493)

[System Features 5](#_Toc501370494)

[Acquired Knowledge 7](#_Toc501370495)

[Future Work 7](#_Toc501370496)

[Conclusion 7](#_Toc501370497)

# Abstract

Introduce your project to the reader in a way that shows:

* The problem statement.
* The idea of your project and its target users.
* What value does your project add to the market and how it contributes to solving the above problem?

# Technical Details (Platform – Language - Tools)

Talk in details and explain the platform, the programming language, and all the tools or programs you used while developing your project. Explain why you chose them instead of other platforms and tools and how was your experience overall.

# Final Product Backlog

## 

## **Original product backlog status**

|  |  |  |  |
| --- | --- | --- | --- |
| **Feature**  **ID** | **Brief Description** | **Status** | **Comment** |
| F01 | The app should display the list of dishes | Delivered |  |
| F02 | The app should display the list of dishes ordered by user choice [rate, price, location]. | Not Delivered |  |
| F03 | The user can filter the displayed dishes based on meetings type e.g.: party, visit a friend. | Delivered |  |
| F04 | The user can filter the displayed dishes based on dish kinds, e.g.: sweet, cake. | Delivered |  |
| F05 | The home page for app should be the list of dishes ordered by default by the highest rating. | Not Delivered |  |
| F06 | The user shall be able to view list of shops and restaurants. | Delivered |  |
| F07 | The user shall be able to filter the shops page based on [location, dessert, ....] | Not Delivered |  |
| F08 | The user can search by name of shop. | Delivered |  |
| F09 | The user can search by name of dish. | Delivered |  |
| F10 | The system shall allow the user to view his/her ratings. | Not Delivered |  |
| F11 | The system shall allow the user to view his/her comments from profile page. | Delivered |  |
| F12 | The system shall allow the user to view his/her liked dishes. | Delivered |  |
| F13 | The system shall determine the user’s current location. | Not Delivered |  |
| F14 | The system shall allow the user to sign up to a new account using a nonexistent username and a password. | Delivered |  |
| F15 | The system shall prompt the user to sign up using his/her email. | Delivered |  |
| F16 | The system shall send an email to the user indicating that his/her registration was successful. | Not Delivered |  |
| F17 | The system shall allow the user to sign in to an existing account using username and password. | Delivered |  |
| F18 | The system shall allow the registered user to view his/her profile. | Delivered |  |
| F19 | The system shall allow the registered user to view comments. | Not Delivered |  |
| F20 | The system shall allow the registered user to add a new dish. | Delivered |  |
| F21 | The system shall allow the registered user to change his/her profile photo. | Not Delivered |  |
| F22 | The system shall allow the registered user to change his/her profile name. | Delivered |  |
| F23 | The system shall allow the registered user to add a bio. | Delivered |  |
| F24 | The system shall allow the registered user to edit his/her bio. | Delivered |  |
| F25 | The system shall allow the registered user to sign out. | Delivered |  |
| F26 | The user shall write a price for the added dish. | Delivered |  |
| F27 | The user shall be able to set a location of shop. | Not Delivered |  |
| F28 | The user shall be able to determine time of opening and closing of shop. | Not Delivered |  |
| F29 | The user shall be able to set a photo for the added dish. | Not Delivered |  |
| F30 | The user shall be able to choose a kind of the added dish. | Delivered |  |
| F31 | The user shall be able to write a kind of the added dish if the wanted kind is not found. | Not Delivered |  |
| F32 | The user shall be able to like the dish to save it in his/her dishes list. | Delivered |  |
| F33 | The user shall be able to rate the dish. | Delivered |  |
| F34 | The user shall be able to choose occasion type for a dish. | Delivered |  |
| F35 | The user shall be able to edit price for a dish. | Not Delivered |  |
| F36 | The user shall be able to edit name for that dish. | Not Delivered |  |
| F37 | The registered user shall be able to add a tip for that dish. | Not Delivered | features with higher priory were default and had many bugs and so took the developers most time |
| F38 | The user shall be able to view dish name, occasion type, price and picture in separate page. | Delivered | “picture in separate page” not delivered |
| F39 | The user shall be able to view dish rating and number of raters. | Delivered |  |
| F40 | The user shall be able to view any shop page to see the details. | Delivered |  |
| F41 | The price should be one decimal numbers. | Delivered |  |
| F42 | Total time of failure status should not exceed 20 minutes per year | Not Delivered | we can't test the feature since it requires a very long time to make sure |
| F43 | The Dish application should not use more than 5% of battery power in two hours' time | Delivered |  |
| F44 | The app must support Arabic and English languages. | Not Delivered | The feature has low priory and so other features were more important to start with |
| F45 | The system shall display welcome slide in the first-time user open the app. | Delivered |  |
| F46 | Create structure of database on fire base. | Delivered |  |
| F47 | Downloaded needed tools and programs to start developing with ionic and angular. | Delivered |  |
| F48 | Download the icons and style for our system. | Delivered |  |

## **New features added to the product backlog**

|  |  |  |  |
| --- | --- | --- | --- |
| **Feature ID** | **Brief Description** | **Status** | **Comment** |
| F49 | User can delete a tip he/she made before | Delivered |  |
| F50 | User can delete a dish he/she added before | Delivered |  |
| F51 | User can edit her/his bio | Delivered |  |
| F52 | User can reset his/her password in case he/she Forgot it | Delivered |  |
| F53 | User can skip registration and login if the user wants to view the app as guest | Delivered |  |
| F54 | User can view a list of his/her added dishes | Delivered |  |
| F55 | Provide a Settings page | Delivered |  |
| F56 | knowledge requirements such as learning how to use firebase required to develop the app. | Delivered |  |
| F57 | knowledge requirements such as learning how to implement using ionic required to develop the app. | Delivered |  |
| F58 | User receives notification  on new updates | Not Delivered | This feature was requested by the  product owner, but we faced a terminal error trying to deliver it |

# System Features

In this section, fill in the table with your system features and their description under each sprint [see example below]. The description should adequately explain the feature.

|  |  |  |  |
| --- | --- | --- | --- |
| **Sprint no.** | **Release Date** | **Features** | **Description** |
| Sprint 1 | 5/11/2017 | Register | New user shall be able to register in the system by filling up name, email,  password…etc |
|  |  |
|  |  |
| Sprint 2 | 26/10/2017 |  |  |
| Sprint 3 | 16/11/2017 |  |  |
| Sprint 4 |  |  |  |
| Sprint 5 | 11/12/2017 |  |  |

# Acquired Knowledge

Talk about the knowledge you acquired and the skills you gained throughout this project including everything from managing the project and the team to development and technical skills.

# Future Work

In this section, talk about enhancements and future work that could be done to improve your system such as features that can be added, improvement of an existing feature or enhancements related to the implementation and development of your system and platforms.

# Conclusion

Conclude your document with a conclusion that briefly describes the idea and purpose of your system and its platform.