SWE 444 Final Report

# Cover page

## Project title: PICK A DISH

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**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

In this section, the team should describe the status of the features in the original product backlog and the newly added features. You can refer to the example below for better understanding. It is necessary to report every change in product backlog and the status of every feature.

**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]. |  |  |
| F03 | The user can filter the displayed dishes based on meetings type e.g.: party, visit a friend. |  |  |
| F04 | The user can filter the displayed dishes based on dish kinds, e.g.: sweet, cake. |  |  |
| F05 | The home page for app should be the list of dishes ordered by default by the highest rating. |  |  |
| F06 | The user shall be able to view list of shops and restaurants. |  |  |
| F07 | The user shall be able to filter the shops page based on [location, dessert, ....] |  |  |
| F08 | The user can search by name of shop. |  |  |
| F09 | The user can search by name of dish. |  |  |
| F10 | The system shall allow the user to view his/her ratings. |  |  |
| F11 | The system shall allow the user to view his/her comments from profile page. |  |  |
| F12 | The system shall allow the user to view his/her liked dishes. |  |  |
| F13 | The system shall determine the user’s current location. |  |  |
| F14 | The system shall allow the user to sign up to a new account using a nonexistent username and a password. |  |  |
| F15 | The system shall prompt the user to sign up using his/her email. |  |  |
| F16 | The system shall send an email to the user indicating that his/her registration was successful. |  |  |
| F17 | The system shall allow the user to sign in to an existing account using username and password. |  |  |
| F18 | The system shall allow the registered user to view his/her profile. |  |  |
| F19 | The system shall allow the registered user to view comments. |  |  |
| F20 | The system shall allow the registered user to add a new dish. |  |  |
| F21 | The system shall allow the registered user to change his/her profile photo. |  |  |
| F22 | The system shall allow the registered user to change his/her profile name. |  |  |
| F23 | The system shall allow the registered user to add a bio. |  |  |
| F24 | The system shall allow the registered user to edit his/her bio. |  |  |
| F25 | The system shall allow the registered user to sign out. |  |  |
| F26 | The user shall write a price for the added dish. |  |  |
| F27 | The user shall be able to set a location of shop. |  |  |
| F28 | The user shall be able to determine time of opening and closing of shop. |  |  |
| F29 | The user shall be able to set a photo for the added dish. |  |  |
| F30 | The user shall be able to choose a kind of the added dish. |  |  |
| F31 | The user shall be able to write a kind of the added dish if the wanted kind is not found. |  |  |
| F32 | The user shall be able to like the dish to save it in his/her dishes list. |  |  |
| F33 | The user shall be able to rate the dish. |  |  |
| F34 | The user shall be able to choose occasion type for a dish. |  |  |
| F35 | The user shall be able to edit price for a dish. |  |  |
| F36 | The user shall be able to edit name for that dish. |  |  |
| F37 | The registered user shall be able to add a tip for that dish. |  |  |
| F38 | The user shall be able to view dish name, occasion type, price and picture in separate page. |  |  |
| F39 | The user shall be able to view dish rating and number of raters. |  |  |
| F40 | The user shall be able to view any shop page to see the details. |  |  |
| F41 | The price should be one decimal numbers. |  |  |
| F42 | Total time of failure status should not exceed 20 minutes per year |  |  |
| 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 |  |
| 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 |  |
| F02 | User can manage account | Delivered |  |
| F13 | User can send results through email | Not delivered | The team realized the feature is not useful to the user and replaced it with  a new feature |

**New features added to the product backlog**

|  |  |  |  |
| --- | --- | --- | --- |
| **Feature ID** | **Brief Description** | **Status** | **Comment** |
| F30 | User receives notification  on new updates | Delivered | This feature was requested by the  product owner |
| F31 | User can share results through twitter | Delivered | The team realized the feature is more useful and preferred to the user |

**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.