SWE 444 Final Report

# Cover page

## Project title: PICK A DISH

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**Abstract**

There are number of applications that show people rates and opinion of shops .So if you want to see specific dish you should enters the shop page then search for it which waste your time .For that “Pick a dish” application gives you the ability to browse a dishes from different shops also . The application is designed to be used by any one, there is no specific audience, but it supports Riyadh, Saudi Arabia shops. The app adds the value of application usability to the shops rate’s application market.

# Technical Details (Platform – Language - Tools)

To implement this application we chose Ionic framework which is a complete [open-source](https://en.wikipedia.org/wiki/Open-source) [SDK](https://en.wikipedia.org/wiki/Software_development_kit) for hybrid [mobile app](https://en.wikipedia.org/wiki/Mobile_app) development. Ionic provides tools and services for developing hybrid mobile apps using web technologies like [CSS](https://en.wikipedia.org/wiki/CSS), [HTML5](https://en.wikipedia.org/wiki/HTML5), and [Sass](https://en.wikipedia.org/wiki/Sass_(stylesheet_language)). Users can build their apps, customize them for [Android](https://en.wikipedia.org/wiki/Android_(operating_system)) or [iOS](https://en.wikipedia.org/wiki/IOS" \o "IOS), and deploy through [Cordova](https://en.wikipedia.org/wiki/Apache_Cordova). We chose this platform instead of others because it is a cross platform and lets us write the same app once for multiple platforms and it recent wide used. The data of the application stores and manages using Firebase real time database. At the end of the implementation we see that ionic framework was a good choice, but for its variety features we must have more time to improve our knowledge in using it.

# 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** |
| 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 the future, we are going to implement number of features which going to make the app more usable e.g.: add dish to liked list, browse specific shop details and build it on IOS and Android.

# Conclusion

In conclusion, Pick a dish application is a dishes and shops rating’s system .It is implemented using Ionic framework and firebase real time database. The purpose of this app is to increase the usability of shops rating’s application by having the feature browse dishes from different shops.