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MSc in Computing and Data Analytics

Project Management Workshop

Project Charter

Submitted to:

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Prepared by:

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Project Charter: Couryah – Mobile Application

Background:

Couryah is an online delivery platform that enables customers to order food and groceries from various merchants in Halifax. Currently, customers place orders using the company's website.

The company seeks to develop a mobile application that is compatible on Android and iOS smart devices. The mobile application should be able to provide similar features as that of the website. Additionally, the mobile application would provide the client with the following opportunity's:

1. Stay competitive
2. Improve the customer experience
3. Increase sales

Goals:

To enhance customer experience with an integrated mobile application.

Scope:

To create a mobile application that will provide customers with the following functions:

- Navigate/Search between grocery products and restaurant menu products.
- To display/add variants to selected products.
- Add products to cart.
- Payment method for products
- View Order History
- View Delivery/ Driver Progress

Key Stakeholders:

<i>Client</i>	Mohammad Soliman, Omar Soliman
<i>Sponsor</i>	Mohammad Soliman, Omar Soliman
<i>Project manager</i>	Mohammad Soliman, Omar Soliman
<i>Project team members</i>	Mohammad Soliman, Omar Soliman, Allen Mathew, Daniel Mombourquette

Project Milestones

The project would begin in June 2019 and end in February 2020, during this time the following milestones would be required to accomplished:

- *Requirements Gathering*: List down the functionality requirements based on feedback from the company, customers and delivery drivers. List down the required resources and its cost estimates.
- *Research*: Review different mobile applications that provide similar service to customers. Find out customer convenient layout for Android and iOS specific devices.
- *Set up Mobile Application*: Develop OS specific page layouts and establish necessary functionality.
- *Set Up Database for Mobile Application*: Create effective database architecture that helps facility the functionality of the application.
- *Testing Mobile application*: Ensure that the functionality of the applications is working effectively.

Project Budget

The following sub-sections describe how the overall budget for the project shall be utilized:

- *Hardware (\$800-\$1,000)*: Investment towards azure database to store data.
- *Software and Licensing (\$800-\$1,000)*: Investment towards Visual Studio Enterprise version to develop native mobile applications (iOS & Android).
- *Labor (\$15,000-\$20,000)*: Investment towards the salary of the employees of the company.
- *General Expenses (\$500 - \$1,000)*: Prepare for any unexpected expenditures.

Constraints, Assumptions, Risks and Dependencies

<i>Constraints</i>	Page layout should be adjusted for all scree layouts. Users info need to follow specific pattern. (i.e. postal code, mobile contact)
<i>Assumptions</i>	The application will use existing authentication system/structure to sign in users.
<i>Risks and Dependencies</i>	Hackers could find a loophole in the application and exploited it by putting in malicious software. Depending on azure could be expensive. They could increate their rates at any given moment.

Approval Signatures

_____	_____	_____
<i>Project Client</i>	<i>Project Sponsor</i>	<i>Project Manager</i>