# U COOK IT!

## A. General Information

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|---|---|
| **Project Title:** | <<U cook it ! >> |
| **Brief Project Description:** | "U cook it !" is a food service app, which creates a fusion between the love for cooking and a cultural variety of take out food.  This app's new approach towards food home delivery brings you the ingredients necessary in the exact quantities in order to prepare it yourself.  What differentiates it from other apps that may offer this easy cooking-take out food approach is the variety of dishes offered, you can choose to order several types ranging from Japan, India, China; Spain and others . It is a way of expanding your gastronomic culture through dishes from different natures and a fun way to enter the cooking world, an essential asset throughout life . |
| **Prepared By:** | Team Mercury |
| **Date:** | February 14, 2023 | **Version:** | Version #1 |

## B. Project Objectives:

The name app aims to bring gastronomic diversity and to make different cultures known. Nowadays everything is globalized however it is not the case when it comes to gastronomy.  Parents,children, students, recently emancipated and others can all have access to getting to know other cultures and learn more about cooking. The intent of the app and its services  is to broaden the dining options with easy recipes and just a click away.

1. To Bring new cultures to Boston through gastronomy
2. To have easy access to the world of cooking, with detailed recipes and prepped ingredients
3. Broaden the variety of foods eaten within the US, innovation through cooking and eating.
4. Fun way to spend time between couples, families by cooking and learning about new recipes and countries .

5. To provide a more healthy option, just as fast as ubereats or other fast foods to decrease obesity rate and increase health profiles

## C. Assumptions

1. We will receive grant funding for the research project

2. Customer pays for transportation fee

3. Fresh and good quality ingredients will be provided to customers

4. All food quality controls will be scheduled every two days of the week

5. Ingredients delivered are in the specified and exactly needed portions/no leftovers

6. Every week remaining ingredient availability will be used for other purposes

7. Deliveries will arrive within the 24h commanded in

8. Inventory purchases will arrive every Sunday 8am

9. Online payment or cash payment accepted

## D. Project Scope

This project will focus on the development of a food recipe delivery system app that will allow customers to select amongst different culture food options and have the recipe delivered to them along with all the necessary ingredients. The recipe will be easy to follow and in great detail.
This App, available for both Android and iPhone will incorporate new, improved features and functionality based on already existing food delivery apps end-user feedback and client requirements. This will be completed by the start of 2024.

Requirements
-Serve all Boston districts from the center neighborhoods to the outskirts. Delivery service needed.
-Home delivery service-Fresh and in perfect state ingredients will be carefully packed in refrigerator bags
-Refrigeration chambers at -8 degrees for ingredient storage and maintenance
-Easy to handle App adapted for all ages
-Graphics/Pictures of elaborated dish
-Detailed explanation of dish along with cooking process
-Specification of time needed for dish elaboration
-AI incorporation to get guided options of dishes according to your likes and dislikes
-Different culture food sections to choose and get inspired (Spanish, Chinese, French, Japanese, Korean, American, Colombian, African, Indian, Turkish cuisine recipes included)
-Fast food extra option including mix of recipes dishes
-Personal profile to enter your likes/dislikes/preference of the day
-Food delivery end consumer satisfaction survey for feedback
-Dish price specification next to the picture of the dish
-Option to choose dishes according to range of prices selection

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Needs and Expectations:

-Delivery within the 24h

-Distribution vans targeting different city districts

-Perfect state ingredients

Deliverables:
- End-user survey to determine desired features, functionalities and interface needs.
- Report of final requirements with sign-off from project sponsors.
- Functional design draft – outline a design that meets the project requirements.
- Technical design draft – outlines the technical architecture of the system.
- Special App designer technicians
- Post deployment reports (feedback and incident reports).

Specifically excluded from this project is the service of product return.

Not included dish personalization.

Not included option to add extra ingredients

## E. Project Milestones

| Milestones | Deliverables | Date |
|---|---|---|
| **Phase #1: Requirements Gathering** | | |
| Kick-off Meeting with Project Sponsors | General requirements of potential customers, needs and wants. | February 16, 2023 |
| Analysis of Existing Food Apps | The creation of a survey with questions based on feature, functionality, interface about the food application. Get more information about existing apps and compare them with ours | April 20, 2023 |
| End User Surveys | Gather valuable feedback from end-users to determine requirements. Include food preferences as well as dietary information | June 15, 2023 |
| Final Requirements | Use kick-off info, analysis, and survey data to generate final project requirements and get sign-off from project sponsors. | July 28, 2023 |
| **Phase #2: Development** | | |
| | | |

| Design | Technical design document is created and some ideas about the general design of the app are generated. | September 15, 2023 |
|---|---|---|
| Development | Design of the app is completed | November 23, 2023 |
| Testing | Verify testing results meet Project Requirements. | December 14, 2023 |
| Deployment | | January 18, 2023 |
| Post-Deployment | Gather performance data, feedback reports, and incident reports. Close the project, and evaluate lessons learned. | April 18, 2023 |

## F. Impact Statement

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| Potential Impact | Systems / Units Impacted |
|---|---|
| May cause issues with functionality or the downtime of class pages. | IT Department, Students, Faculty |
| May increase the number of new or improved feature requests in the future. | IT Department and Project Sponsor |
| Servers may be overloaded or crash due to increased traffic | IT Department, Students, Faculty |

## G. Roles and Responsibilities

| Executive Sponsor | |
|---|---|
| **Name** | **Role** |
| N/A | |
| | |

| Project Manager | |
|---|---|
| **Name** | **Email / Phone** |
| | |
| | |

| Project Team Members | |
|---|---|
| **Name** | **Email / Phone** |
| Jiaxing Lin | jiaxingl@bu.edu |
| Ziqi Chen | czqzq@bu.edu |
| Patricia Mercader Rodriguez | pmercadr@bu.edu |
| Candela Lopez-Brea Barrios | candelobrea@gmail.com |
| Chloe Aizpurua Broutin | Chloeguapa123@gmail.com |
| | |

| Stakeholders | |
|---|---|
| **Name** | **Name** |
| CEO | Customers |
| Government Regulator | Legal Department |
| VP Operation | Operation Department |

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| VP IT Department | IT Department |
|---|---|
| VP Finance | Finance Department |
| VP Marketing | Marketing Department |
| | |

## H. Resources

| Resource | Constraints |
|---|---|
| **Project Budget** | $1,500,00.00 |
| **Timing** | March 2023 – February 2024 |

## I. Project Risks

| Risk | Mitigation Strategy |
|---|---|
| Customer Privacy & Data may not be stored and protected well. | Backup all data to offline storage can store customer data; Using a secure network and encrypting all customer data can avoid hacking. |
| Food quality can't meet the needs of customers from all over the world. | Fully understanding the different cultures and conducting customer market research before launching the app can identify customers' needs and target potential customers. |
| Driver-related issues are the company's liability. | Educating drivers not to multitask, not to eat and drink while driving, and not to use phones while driving. The company buys insurance for drivers. |

## J. Success Measurements

| Metrics | How Measured? |
|---|---|
| **100% of Faculty Trained** | Make sure of the education hours of each employee. Update training information and send training key points twice a month as reminders. Analyze reports of faculty-trained situations. |
| **Average of frequency of customers to use app** | Analyze the server logs to know customers' usage time and frequency. |
| **Number of app users** | Analyze the server logs to know how many users are using the App and know about the traffic of the App. |
| **Number of employees** | Analyze the company's reports. |
| **Revenues per year** | Analyze the yearly report to know the yearly revenue, expenses and gross profit. |
| **Average ratings on App by customers** | Read and analyze all customer comments and how and why they rate the scores. |

## K. Approvals

| Stakeholders | | |
|---|---|---|
| **Name** | **Signature** | **Date** |
| Becky Friedman | | |
| **Executive Sponsor** | | |
| **Name** | **Signature** | **Date** |
| David Angel | | |
| **Project Manager** | | |
| **Name** | **Signature** | **Date** |
| Brian Palinskir | | |