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Preliminary Requirements Doc (10-items)

- Name: Spotify Integrating License
- Category: Software
- Source: Spotify Licensing Agreement and Specifications
- Justification for Inclusion: Spotify Integrating License allows our customers to redeem their tokens to play music directly on Titan Kitchen app, the primary feature of the of the project

- Name: Restaurant POS System (Square)
- Category: Software
- Source: Square registration and software installation into the store equipments
- Justification for Inclusion: The POS system enables us to receive and keep records of online and in-store purchases

- Name: Tablets & Credit Card Reader (Transaction Receiving Purpose)
- Category: Hardware
- Source: Orders from Square official website
- Justification for Inclusion: In order to implement the POS, we need to have compatible hardwares

- Name: Reward System Installation (On the app)
- Category: Software
- Source: Outsourcing to developers
- Justification for Inclusion: We will need to install a Reward System that works seamlessly with our POS system , so customers can obtain tokens for every purchase made.

- Name: In-store 'Juke Box' Kiosks
- Category: Hardware

- Source: Customized order according to the specifications on Kioiks.com
- Justification for Inclusion: The kiosk will be placed in the restaurant, allowing customers to check-in and redeem their rewards

- Name: Application Server Setup
- Category: Functional Requirement
- Source: Outsourcing to developers
- Justification for Inclusion: Server setup needs to be in place, so customers can register for and sync their accounts to the Titan Kitchen app.

- Name: Customer Support add-on
- Category: Software
- Source: Outsourcing to developers
- Justification for Inclusion: Customer support feature will allow an app chat for complaints and suggestions.

- Name: Social media sharing
- Category: Software
- Source: Outsourcing to developers
- Justification for Inclusion: Social media sharing by our customers will help the business reach a mass market.

- Name: App Design
- Category: Software
- Source: Graphic Designer
- Justification for Inclusion: A user interface that visually appealing

- Name: Beta Testing

- Category: Software
- Source: IOS: Testflight for Android
- Justification for Inclusion: Testing ensures the app is ready to be introduced live and test for any implications of error.

Requirements Doc (5-high priority items)

Requirements Traceability Matrix for Titan Kitchen Application

Prepared by:

Date:

Requirement No.	Name	Category	Source	Status
RN1	Spotify Licensing	Software	Spotify Licensing Agreement and Specifications	Done. We have acquired the license from Spotify HQ
RN2	Restaurant POS System	Software	Square registration and software installation into the store equipment	In process. We are negotiating pricing with Square for the software usage and installation

RN3	Reward System Installation	Software	Outsourcing to developers	In process. We have discussed with the developers about the requirements and set a plan for implementation
RN4	In-store 'Juke Box' Kiosks	Hardware	Customized order according to the specifications on Kioiks.com	In process. We have been in contact with Kiosk.com to discuss options and pricing for the 'Jukebox'
RN5	Application Server Setup	Functional	Outsourcing to developers	In process. We have discussed with the developers about the requirements and set a plan for implementation

Work Breakdown Structure (WBS)

Date

Project Name: Titan Kitchen App

1.0 Project Management

1.1 Planning

1.2 Meetings

1.2.1 Budget Preparation

1.2.2 Blueprint Preparation

1.3 Administration

1.4 Executing

2.0 Product Requirements

2.1 Software

2.1.1 Spotify License Acquired

2.2 Hardware

2.2.1 Prototyping

2.3 Training Program Materials

2.4 Requirement Documentation

3.0 Detail Design

3.1 Database Design

3.2 User Documentation

3.3 Application Design

3.3.1 Application Design Meetings

3.4 System Integration Design

4.0 Construct

4.1 Programming

4.1.1 Modules

4.1.2 Application Integration

4.2 Hardware Setup

4.2.1 Kiosk

4.2.2 Speakers

4.3 Server Setup

4.4 Server and App Synchronization

5.0 Integration and Testing

5.1 Hardware

5.2 Application Testing

5.2.1 Test Documentation

5.2.2 User Testing

5.2.3 Bug Resolution

5.3 Enhance Product

WBS Dictionary

Project Name: Titan Kitchen App

WBS #	Name	Description
1	Project Management	The responsibilities of management to be carried out before and during the project
1.2	Meetings	The meetings required to keep the team on the same page
1.2.1	Budget Preparation	Where we will go over the budget analysis and fund the project
1.2.2	Blueprint Preparation	Detailing what we want from the app and how we would like it to look
1.3	Administration	The general upkeep that will be necessary to keep the project on track
1.4	Executing	Monitoring the execution process while keeping the project in line
2	Product Requirements	Where we will determine what is necessary for the project
2.1	Software	What our software should be capable of doing
2.1.1	Spotify License Acquired	Acquiring the license from Spotify (the music streaming service connected with facebook)
2.2	Hardware	Determine what hardware will best suit the project
2.2.1	Prototyping	Where we will try to have some proof of concept
2.3	Training Program Materials	How we plan to train employees to explain and work with the equipment and app
2.4	Requirement Documentation	Documenting all requirements

3	Detail Design	Where we will document details of the overall design of the project
3.1	Database Design	Designing the back end of all the stored data
3.2	User Documentation	Planning on how to store and secure user data
3.3	Application Design	Designing the look and functionality of the app
3.3.1	Application Design Meetings	The meetings required for the application design
3.4	System Integration Design	Designing how the application will interact with the store
4	Construct	Construction of the app and kiosks
4.1	Programming	The programming done to develop the app and kiosks along with the integration required
4.1.1	Modules	Where specific parts of the development process will be accomplished
4.1.2	Application Integration	Setting up the relationship between the store and app
4.2	Hardware Setup	Setting up the required hardware in store and offsite
4.2.1	Kiosk	Making the in store kiosk ready to be put into stores
4.2.2	Speakers	Upgrading the speakers in store to better suit our needs
4.3	Server Setup	Establishing a location for our servers and completing the building of them
4.4	Server and App Synchronization	Having the relationship between the app and the servers working in full order
5	Integration and Testing	The preparation required to make sure the new technology is working as well as integrating it in stores
5.1	Hardware	Making sure the kiosks are in working order
5.2	Application Testing	The testing required for the application to go out to the public
5.2.1	Test Documentation	Documenting all bugs and errors found in the application
5.2.2	User Testing	Testing the customer facing side of the application
5.2.3	Bug Resolution	Where all bugs and errors are to be rectified
5.3	Enhance Product	Any small last minute details that can enhance the application