# **CSC289 Programming Capstone**

# **Project Plan**

**Project Name:** {The Store App}

**Team Number:** {10}

**Team Lead/Scrum Master:** {Zach Devore}

# Team Member Details

| Name | Email | Phone | Role |
| --- | --- | --- | --- |
| Simon Chaudhary | [schaudhary@my.waketech.edu](mailto:schaudhary@my.waketech.edu) | (919) 758-4336 | Team Member |
| Mohamed Ibensilalen | mibensilalen@my.waketech.edu |  | Team Member |
| Emma Gostling | [ejgostling@my.waketech.edu](mailto:ejgostling@my.waketech.edu) |  | Team Member |
| Brendon Seaton | [bcseaton@my.waketech.edu](mailto:bcseaton@my.waketech.edu) |  | Team Member |
| Zach Devore | [zdevore@my.waketech.edu](mailto:zdevore@my.waketech.edu) | (910) 619-3474 | Scrum Master |

# Industry Mentor Details

| Name | Email | Phone | Preferred Contact |
| --- | --- | --- | --- |
| Subbu Devarajan | subramaniam.devarajan@credit-suisse.com |  |  |
|  |  |  |  |

# Instructor Details

| Name | Email | Phone | Preferred Contact |
| --- | --- | --- | --- |
| Susan Rizzo | srizzo@waketech.edu | N/A | Email / TEAMS |

# Project Objectives

{ To help a store increase its revenue with an application for an online store front.}

# Project Scope

{ This project is designed to assist customers by allowing them to order items online without constricting their options or complicating their experience. The application designed in this project will grant the customer access to a store’s complete inventory.}

# Project Overview

{ The application for the online store front will give a customer access to the store’s entire inventory available to purchase from anywhere. The home page will display any deals of the day and top selling products. Deals may be selected based on previous purchases, holidays, or general sales. There will also be a search bar so users can look for any specific item they are looking for. A product’s page will display the price of the item, including money saved if the item is on sale, a description of the item (including nutritional details for food), and a space at the bottom to display other products commonly purchased with the item, as well as alternatives to the item.

The app will allow customers to login to a profile or create a new profile. There will be a page that will display the customer's information and allow them to edit the information.

A shopping cart will keep track of the items being purchased and will allow customers to remove items they no longer want.

Customers will also be able to return items if they fit the criteria of the return policy.

Return Policy: Items delivered in a damaged state will be able to be returned. If a customer is unsatisfied with their order, they can return the item and receive store credit equal to the item’s price. All returns must be made within 15 days (about 2 weeks) of receiving the product

}

# Project Goals

Goals should be S.M.A.R.T. (Specific Measurable Acceptable Realistic Timebound)

| Goals | *S.M.A.R.T. goal* |
| --- | --- |
| **Project Goal 1** | {The application will allow a business owner to sell his products online and he will be able to set it up himself. We will measure success with user testing.} |
| **Project Goal 2** | {The application will give meaningful sales analytics to the business owner. We will measure success by customer feedback. } |
| **Project Goal 3** | {The application will allow for receipts to be emailed to customers if they are opted into it} |
| **…** | … |

**Note**: See reference information at end of document

# Project Assumptions

{1. We are assuming that we will complete all the work in our sprints.

2. We are assuming that our plan will work and not have to change anything.

}

# Project Resources Required

{Trello, Github, NodeJS, React, Microsoft Teams, Email}

# Project Constraints

{Time, Communications Error, Cost, Scope Creep, Low Performance}

# (Tentative) Meeting Dates/Times/Venues

Provide details of the meeting dates, times and locations you have arranged with your team and with Industry Mentor(s). Remember to send a calendar invite!

Saturdays at 7:30

**Note**: You should expect to meet, *at minimum*, once-per-week for Scrums once Project Execution begins. More frequent (*short*) meetings will help maintain communication and momentum while working on this project, so additional scrum meetings are recommended during Sprints. The more successful teams in previous semesters met 2-3 times a week.

# Meeting Details

| Milestone – Week (Activity) | Date/Time | Date/Time | Date/Time |
| --- | --- | --- | --- |
| Milestone 2 – Week 1 (Project Plan) |  |  |  |
| Milestone 2 – Week 2 (Project Plan) |  |  |  |
| Milestone 3 – Week 1 (Sprint 1) |  |  |  |
| Milestone 3 – Week 2 (Sprint 1) |  |  |  |
| Milestone 3 – Week 2 (Sprint 1) |  |  |  |
| Milestone 4 – Week 1 (Sprint 2) |  |  |  |
| Milestone 4 – Week 2 (Sprint 2) |  |  |  |
| Milestone 4 – Week 3 (Sprint 2) |  |  |  |
| Milestone 5 – Week 1 (Sprint 3) |  |  |  |
| Milestone 5 – Week 2 (Sprint 3) |  |  |  |
| Milestone 5 – Week 3 (Sprint 3) |  |  |  |
| Milestone 6 – Week 1 (User’s Guide) |  |  |  |
| Milestone 6 – Week 2 (Presentation Prep) |  |  |  |
| Milestone 6 – Week 3 (Presentation) |  |  |  |

## NOTES

* You should be able to get the Project Objectives from the SRS document.
* You should be able to get the Project Scope from the SRS document.
* You should be able to get the Project Overview from the SRS document.
* You should be able to come up with at least 3 Project Goals.
  + A project goal is a desired outcome of a project
  + A project goal is a high-level statement providing overall context of what a project will accomplish
  + A project goal, although high-level, should still be a S.M.A.R.T. goal
* The purpose of the Project Plan is to establish team member roles, meeting schedules, etc.
* Prioritize your features keeping your end user’s needs in mind (not yours).
* This is NOT a static document. You may find you need to make changes as development progresses and feedback is received.

## REFERENCES

* What are SMART Goalls and How to Write Them (With Examples!)
  + URL: <https://clickup.com/blog/smart-goals/>
* How to Write SMART Project management Goals
  + URL: <https://project-management.com/smart-goals/#goals>

