# **CSC289 Programming Capstone**

# **Release Plan**

**Project Name:** CentRES

**Team Number:** 6

**Team Lead/Scrum Master:** S. Andy Short

# **Release Information**

## **Release Date: May 5, 2022**

## **Release Goal(s):**

Our goal is to release 3 major components in a restaurant’s food service POS system. Sprint 1 will focus mainly on delivering the Server View. It will allow a server to select items from a menu and add, with customizations, any menu item to a split/seat on a ticket. Login functionality will be implemented here as well.

Sprint 2 will focus on the back-of-house implementation. Tickets submitted from the servers will be posted on the back-of-house views, and allow the food prep workers to see orders incoming to the kitchen.

Sprint 3 will produce a Host/Manager top-down view of the restaurant. It will afford these employees a top-down view of the restaurant. Servers can be assigned tables, and incoming parties can be seated through this view.

## **User Stories**

| Title | As a <type of user> I want to <take this action> so that <I get this benefit> [SIZING] |
| --- | --- |
| Place an order | As a restaurant server, I want to select menu items requested by my customer(s), add them to the order, edit the order, and submit the order to the kitchen [large] |
| View an order and prepare it | As a back-of-house food prep employee, I want to see orders incoming from servers, prepare the items, and remotely notify the servers when an order is ready. [small] |
| Assign servers to tables | As a restaurant host, I want to assign and remove servers from tables so I can manage the wait staff assignments effectively. [large] |
| Assign patrons to tables | As a restaurant host, I want to assign customers to tables and inform their server so that I can keep the customer wait times down and the server up to date on their section’s status. [large] |

## **Sprints**

**Sprints will be 3 x 3-week sprints as defined in the course syllabus.**

* **Sprint 1: January 29 – February 18**
* **Sprint 2: February 19 – March 11**
* **Sprint 3: March 19 – April 8**

## **Release/Sprint Plan – Sprint 1**

| Feature (Short Description) | Start Date | End Date | Duration  (days) | Priority |
| --- | --- | --- | --- | --- |
| Server Window will be add, remove, and edit menu items on the Server view. | 01/30/23 | 02/14/23 | 16 | High |
| Employees have the ability to login and logout | 01/30/23 | 2/10/23 | 12 | Medium |

<<*Add ROWs as needed & remove Example row before submitting*>>

## **Release/Sprint Plan – Sprint 2**

| Feature (Short Description) | Start Date | End Date | Duration  (days) | Priority |
| --- | --- | --- | --- | --- |
| Back-of-house has the ability to view incoming orders and mark them as ready, which will clear them from the view. | 02/20/23 | 03/06/23 | 14 | High |
| Server view will be able to see orders already placed and add more items to the order. | 02/20/23 | 03/01/23 | 10 | High |
| All employees will have an updated look with their corresponding views with styling and CSS. | 02/20/23 | 02/25/23 | 5 | Medium |

<<*Add ROWs as needed & remove Example row before submitting*>>

## **Release/Sprint Plan – Sprint 3**

| Feature (Short Description) | Start Date | End Date | Duration  (days) | Priority |
| --- | --- | --- | --- | --- |
| Host’s will be able to view the restaurant floor. They will be able to assign/remove servers to/from tables | 03/20/23 | 04/02/23 | 14 | High |
| Host’s will be able to assign tickets to tables | 3/20/23 | 04/02/23 | 14 | High |

<<*Add ROWs as needed & remove Example row before submitting*>>

## NOTES

* You should be able to use get the User Stories from the SRS document.
* You should be able to use Project Management Plan information from the SRS document.
  + The Release/Sprint Plan information can be replaced by a PERT chart or Gantt chart, if the required information is included.
* The purpose of the Release Plan is to focus on features that are required to achieve a minimum viable product (MVP) each Release.
* Prioritize your features within the 3 Releases/Sprints keeping your end user’s needs in mind (what will make them want this product). If a feature does not “fit” in one of the Releases/Sprints, create a separate “Backlog” table.
* This Release/Sprint Plan information should be able to be used to create your Product Roadmap (board) in Trello.
* This is NOT a static document. You will likely need to make changes as development progresses and feedback is received. You will not be required to submit an updated plan.