**Salt water rulez**

Requirements Document

Revision 1.0

< 9/27/2023 >

Team members: Jason Reinoso

# Revision History

|  |  |  |
| --- | --- | --- |
| Revision | Date | Summary of changes |
| 0.1 | 9/27/2023 | Initial version of document |
| 0.2 | … | Updated requirements |
| 1.0 | … | Finalized document after team meeting |

The purpose of this document is to describe the functional and the nonfunctional requirements that are expected to be met by our final goal, which is XXXX.

# Project Team

In order to produce the required deliverables, the following team members will collaborate

* Jason Reinoso

Although team members have a primary role, everyone will help with all tasks.

# Introduction

## General Description

To create a fishing application that allows users to see what are the fishing regulations of the state they want to look at. These states are only going to include ones that have a salt water fishing scene. Also they will be allowed to log the fishes they caught. More information later….

## Assumptions and Dependencies

The system will depend on

# Functional Requirements

Functional requirements describe what our product must be able to do. Each functional requirement has an identifier, a description, a prioritization, a milestone designator and a status. The prioritizations include

MUST product is not considered successful if this requirement is not met.

SHOULD team will make a substantive effort to include this requirement

COULD if meeting the requirement does not impose a risk to the project

WON’T team will not implement the requirement

Status is

* Pending approval
* Not approved
* Approved/not started
* Approved/in progress
* Approved/pending acceptance
* Approved/accepted

\*Throughout the semester you would iteratively update the functional requirements according to the overall update to the system requirement and your progress. The purpose to have a requirement document is to reduce the changes later in the development process.

EXMAPLE[[1]](#footnote-1):

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| ID | Requirement | Priority | Milestone | Status |
| 3.1.1 | Web scrape: webscrape data from these states: Maine, new Hampshire, Maassachuseets, Rhode island, Connecticut, Delaware, Maryland, Virgina, North Carolina, South Carolina, Georgia, Florida, Alabama, Mississippi, Louisiana, Texas, California, Washington, Oregon | MUST | Sprint 1 | Approved/not started |
| 3.1.2 | All webscrape data needs to be moved to database with 5 key information: fish species, size limit, possession limit, season, and the state that the fishes belong to. | SHOULD | Sprint 2 | Approved/pending acceptance |
|  | Fish should let users see a menu to select from |  |  |  |
|  | System should allow users to select the state they want to know about fish regulations. |  |  |  |
|  | System should let users search for that fish in fish regulation section |  |  |  |
|  | System should let User log fish based on these criteras: was the fish released?, picture of fish, fish species, date caught, fishing method, weight, length, tools used, weather at the moment. |  |  |  |
|  | System should let user see |  |  |  |

## Order Meals

A cafeteria Patron whose identity has been verified order meals either to be delivered to a specified company location or to be picked up in the cafeteria. A Patron can cancel or change a meal order if it has not yet been prepared.

### Place an order

The system shall let a Patron who is logged into the Cafeteria Ordering System place an order for one or more meals. But first it shall confirm that the Patron is registered for payroll deduction system ,if the Patron is not registered for payroll deduction system, COS shall give the Patron options to register now and continue placing an order, or to place an order for pickup in the cafeteria (not for delivery), otherwise to exit from the COS. COS shall record the order date and prompt the Patron for the meal date(the date when meals should be delivered or picked up). The order shall have a cutoff time. If the meal date is the current date and the current time is after the order cutoff time, the system shall inform the patron that it’s too late to place an order for today. The Patron may either change the meal date or cancel the order.

Priority: MUST

### About previous order

The system shall permit the Patron to view any meals he has ordered within the previous six months. The Patron may reorder any meal he had ordered within the previous six months, provided that all food items in that order are available on the menu for the meal date

Priority: SHOULD

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# Non-Functional Requirements

## Performance Requirements

## Security Requirements

**…**

# Glossary of Terms

1. Courtesy: http://staff.ustc.edu.cn/~waterzhj/files/documents/cos.pdf [↑](#footnote-ref-1)