**SYSTEM REQUIREMENTS SPECIFICATION**

CEN3031Online Team6

CareerFind

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# Introduction

## Purpose

## Business Context

## Scope

## User Characteristics

# General System Description

## System Context

## System Modes and States

## Major System Capabilities

## Major System Conditions

## Major System Constraints

## Assumptions

## Dependencies

## Operational Scenarios

# System Capabilities, Conditions, and Constraints

## Business Requirements

## Functional Requirements

### Main Page - Admin

#### CF01 - As an Admin I want to manage (CRUD) the career clusters ( name, icon, keyword associations) displayed on the site.

### Cluster Detail Page - Admin

#### CF02 - As an Admin I want to manage (CRUD) the keywords (name, type: subject, interest) associated with career clusters.

### Career Detail Page - Admin

#### CF03 -As an Admin I want to manage (CRUD) careers (name, salary, description) displayed on the site.

### Day-in-the-Life Page - Admin

#### CF04 - As an Admin I want to manage (CRUD) Day-In-the-Life articles that are associated with careers.

### Celebrity Profile Page - Admin

#### CF05 - As an Admin I want to manage (CRUD) the celebrity profiles (name, photo, article) associated with careers.

### Main Page - Student

#### CF06 -As a User I want to see a list of career clusters (name, icon) after logging into the site so that I can drill down into associated careers for each cluster.

### Cluster Detail Page - Student

#### CF07 - As a User after clicking on a career name I want to see base career data (name, salary, subject keywords, description) and associated DITL/ Celebrity links presented on a page.

### Day-in-the-Life Page - Student

#### CF08 - As a User after clicking on a DITL link from an associated career page I would like to see that career's DITL article presented on a page.

### Celebrity Profile Page - Student

#### CF09 - As a User after clicking on a celebrity link from an associated career page I would like to see that career's celebrity profile (name, photo, article) presented on a page.

### User Management Page - Admin

#### CF10 - As an Admin I would like to manage (CRUD) all user types (student, admin) from a listing of all users in the system.

#### CF11 - As an Admin I should be able to reset the password of any listed user in the system.

#### CF12 - As an Admin I want to manage (CRUD) classes (name, associated users) in the system.

#### CF13 - As an Admin I want to be able to filter listed users by class.

#### CF23 - As an Admin I can view point totals of students and classes containing students.

#### CF24 - As an Admin I can reset point totals of individual students and all students within a particular class.

### User Login Page

#### CF14 - As a User I should be able to access the site with valid credentials (username/ password or e-mail/ password) from a login page.

### Chat Counselor Management Module - Admin

#### CF15 - As a Admin I want to manage (CRUD) prompts that will be presented to students when they log into the site.

#### CF16 - As a Admin I want to manage (CRUD) an icon/ profile picture that will be used by the site's chat counselor.

#### CF17 - As a Admin I want to be able to view and delete (RD) anonymized student response logs that did not contain any keywords present in the system.

### Chat Counselor Module - Student

#### CF18 - As a Student I want to answer a chat prompt after logging into the site and receive a career cluster recommendation based on parsed keywords in my response.

#### CF19 - As a Student I want my response to be logged if it does not contain any known keywords so that my Admin can improve the system.

#### CF21 - As a Student I want keywords parsed from my responses to be stored so that future recommendations take them into account.

#### CF22 - As a Student I should be able to bookmark careers I am interested in.

### Cluster Recommendation Queue - Student

#### CF20 - As a Student I want recommended career clusters to be placed in a queue so that I can remember to visit them.

### Reward System and Scoreboard Module – Student

#### CF25 – As a Student I earn 1 point each time I visit a new career and all associated content.

#### CF26 – As a Student my viewed content should be tracked in my account.

#### CF27 – As a Student I should be able to view my current point total.

#### CF28 – As a Student I can view the point total of any groups I belong to.

## Physical Requirements

## Logical Data Requirements

## User Requirements

## Information Management Requirements

## Systems Requirements

## Policy and Regulation Requirements

## System Life Cycle Sustainment Requirements

# System Interfaces

# Requirements Traceability

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