**Liberation: Union Organization System**

Project Description

This project is an organization system for union organizers. It is designed to centralize and create easy access to information, training, and access to union representatives across a campaign. It will allow staff to manage multiple workplaces; organizers will be able to manage a workplace, including managing worker information relevant to union organization. The system will be a central hub for workers to access important information. Workers will be able to access training, ask organizers questions, and sign union cards.

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# **Chapter One: Sensitive Information Systems**

## Domain Class Diagram

A diagram of a company

Description automatically generated with medium confidence

This Model is the domain class diagram. It was the initial design of the system. Systems have since been changed to model better practices.

## System Class Model

A computer screen shot of a diagram

Description automatically generated

## Use Case Model: Managing Workplace Data

A diagram of a person with text

Description automatically generated

### Create a Workplace

|  |  |
| --- | --- |
| **Name** | Creating a workplace |
| **Actors** | Staff, Organizer |
| **Goals** | The actor will create a workplace with a unique ID |
| **Summary** | An actor will login to the system to create a workplace. A workplace will include a workplace name, a store number, a workplace phone number, and a workplace address. There will be a unique 5-character ID generated associated to the workplace. |
| **Preconditions** | The Actor is logged in and verified in the system |
| **Postconditions** | Unique 5-character workplace is generated |
| **Related Use Cases** | N/A |

|  |  |
| --- | --- |
| **Steps** |  |
| **1** | Login to System |
| **2** | Click GUI button to create a new workplace |
| **3** | Screen will go to “New Workplace” panel |
| **4** | User will fill in fields needed for a new workplace: workplace name, a store number, a workplace phone number, and a workplace address |
| **5** | User will click submit. |
| **6** | A unique 5-character ID will be generated and compared to database to ensure uniqueness |
| **7** | Information will be sent to workplace database |

### Modify Workplace

|  |  |
| --- | --- |
| **Name** | Modifying a Workspace |
| **Actors** | Staff |
| **Goals** | The Actor will modify workplace information |
| **Summary** | The Actor will receive all current information on a workplace and be able to modify any information available besides Workplace ID |
| **Preconditions** | The Actor is logged into the system, Workplace is already created |
| **Postconditions** | Workplace entry in Workplace Database is modified to have updated information |
| **Related Use Cases** | Create a Workplace |

|  |  |
| --- | --- |
| **Steps** |  |
| **1** |  |
| **2** |  |
| **3** |  |
| **4** |  |
| **5** |  |
| **6** |  |
| **7** |  |
| **8** |  |
| **9** |  |
| **10** |  |

### Manage Workplace Data

|  |  |
| --- | --- |
| **Name** |  |
| **Actors** |  |
| **Goals** |  |
| **Summary** |  |
| **Preconditions** |  |
| **Postconditions** |  |
| **Related Use Cases** |  |

|  |  |
| --- | --- |
| **Steps** |  |
| **1** |  |
| **2** |  |
| **3** |  |
| **4** |  |
| **5** |  |
| **6** |  |
| **7** |  |
| **8** |  |
| **9** |  |
| **10** |  |

### Accessing Different Workplaces

|  |  |
| --- | --- |
| **Name** |  |
| **Actors** |  |
| **Goals** |  |
| **Summary** |  |
| **Preconditions** |  |
| **Postconditions** |  |
| **Related Use Cases** |  |

|  |  |
| --- | --- |
| **Steps** |  |
| **1** |  |
| **2** |  |
| **3** |  |
| **4** |  |
| **5** |  |
| **6** |  |
| **7** |  |
| **8** |  |
| **9** |  |
| **10** |  |

## Use Case Model: Managing Union Card Data

A diagram of a person's work flow

Description automatically generated