<h1 style="text-align:center">Functional Requirements Specifications</h1>

Stakeholders

Stakeholders in the project include upper management of the company, human resources managers, human resources employees, managers of the different job sites, and the Board of Directors of the company.

Actors

Primary Actors

Upper Management: These employees can view the database to see where employees are located as well as information about an individual employee. Can view who made changes and when in the database.

Human Resources: These employees will be able to add, edit, delete, and view all aspects of the database in order to make the necessary changes to personnel in the system. Can also view logs to see who made changes and when in the database.

Human Resources Management: Will be able to perform all actions of human resources employees as well as add new data to the tables if necessary.

Secondary Actors

System: This is responsible for making the changes in the database such as adding, removing, or moving an employee as well as updating employee information and removing employee information. The system also keeps track of changes to the database and monitors who has made changes to the system.

Use Cases:

Upper Management (Total: 1 Day):

-View Records: Employee can view records of employees based on location, employee name, or employee ID (1 day)

Human Resources (Total: 10 days):

-Add employee: Adds a new employee to the database. (1 day)

-Edit employee: Edits an employee's records in the database. (1 day)

-Delete employee: Remove employee from database. (2 days)

-Move employee: Move employee within database. (1 day)

-View change logs: View changes made to database. (2 days)

-View records: View employee records. (1 day)

-Search records: Searches records for employee based on parameter such as location or

Employee ID (2 days)

Human Resources Management (2 days*):

-Add employee: Adds a new employee to the database. (1 day)

-Edit employee: Edits an employee's records in the database. (1 day)

-Delete employee: Remove employee from database. (2 days)

-Move employee: Move employee within database. (1 day)

-View change logs: View changes made to database. (2 days)

-View records: View employee records. (1 day)

-Search records: Searches records for employee based on parameter such as location or

Employee ID (2 days)

-Add data: Add new data to employee records when necessary (2 days)

*Functionality will be established already through the Human Resources actor and thus would only need to be copied over to the human resources object during programming.

System (Total: 5 days):

-Update Database: updates the database based on the recent changes made. (2 days)

-Update Change Log: updates the change log to show record of who made most recent changes.

(3 days)