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1 Functional Requirements

1.1 FR1: Employee Functions

- **FR1.1:** An employee will be able to log in to their account on the system
- **FR1.2:** An employee will be able to create their own profile with their respective skills and previous work experience
- **FR1.3:** An employees will receive a notification when they are assigned to a newly created project
- **FR1.4:** An Employee must be able to to view their currently assigned project and view their past completed projects that where assigned to them on their profile.
- **FR1.5:** An employee will be able to add personal or other events to the calendar their calender, that do not clash with any existing projects they are currently assigned to. If a newly created event does clash, an error will be displayed.
- **FR1.6:** When an employee clicks on a project in the calendar, it will show all the project details and a map of the clients location should be displayed as well as directions to the client.
- **FR1.7:** An employees will not be able to remove a project that is assigned to them from their calender.
- **FR1.8:** Employees should confirm whether they have attended training or not, this will be conformed with trainer.

1.2 FR2: Manager functions

- **FR2.1:** A manager will be able to log in and create a project.
- **FR2.2:** A manager will be able to assign system recommended employees to a newly created projects
- **FR2.3:** A manager will be able change employees if the manager is unhappy with the recommendation by the system, pending director approval.
- **FR2.4:** A manager will be allowed to remove a project from the system, pending director approval
- **FR2.5:** A project manager will be able to view all projects that they are managing

1.3 FR3: System Functions

- **FR3.1:** The system will assign employees to a project based on their skill level and past project experience.
- **FR3.2:** The system will find all the employees that have the required skills for the job and give it to the manager as a recommendation.
- **FR3.3:** The system will only select employees if they are not already assigned to a project.
- **FR3.4:** Employee data with skills and past work experience will be entered on the system and updated after each project.
- **FR3.5:** System will reassign another employee, pending approval, if an employee takes leave during the project.
- **FR3.6:** Every employee that is assigned to a project will get the full project duration and details on their calendar.
- **FR3.7:** The system should be able to provide the location of and direction to the client to all employees assigned to the respective project
- **FR3.8:** The system will preload all employees training dates at the beginning of the year.
- **FR3.9:** The system will preload all employees training dates at the beginning of the year.