**EMPLOYEE MANAGEMENT SYSTEM FOR THE EXECUTIVE CREATIONS COMPANY – A CASE STUDY**

1. **PROJECT STATEMENT**

The Executive Creations Company has no official records of all the employees in their organization. As a move to bring their organization to a higher level, they wanted to create a system as through which they can have the said list. This way, they would be able to contain all their employee’s information into a centralized system.

The solution is to create a MEAN(MongoDB, Express, AngularJS and NodeJS) application that can perform CRUD (Create, Read, Update and Delete) operation. This system is to be deployed into the Google Cloud Platform so that the company doesn’t have to invest into traditional server equipment, thus less cost on this needed upgrade.

1. **USE CASES**

As proposed, the system can be accessed by three users with roles stated below:

* Administrator – this user has the highest level of access for the system as the administrator can perform all 4 CRUD operations, that is create employee, read employees, update employee, and delete employee information.
* Staff – the staff has a lower level of access as it will not be able to create an employee, this way, only the administrator gets to decide whether the employee can be included in the list.
* Employee – the employee will be able to access the system but can only perform one operation, which is to read employee information in the system.

1. **USER STORIES**

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| **USID** | **USER STORY** | **PRIORITY** | **ACCEPTANCE CRITERIA** | **SCORE** |
| US-01 | As an administrator, I want to be able to login as administrator so that I can see all the functions of the program that I can do. | HIGH | The administrator can see all the functions of the program exclusive for the administrator only. | 5 |
| US-02 | As an administrator, I want to create a new staff, so that I can see this staff in the list. | HIGH | The administrator can see the newly added staff in the list of all employees. | 5 |
| US-03 | As an administrator, I want to read or view all the staff, so that I can see all the information about all the staff in a single panel. | HIGH | The administrator can see a list of all the staff registered on the system. | 5 |
| US-04 | As an administrator, I want to update the list, so that I can edit the information about a staff. | HIGH | The administrator can see the edited information about the staff. | 5 |
| US-05 | As an administrator, I want to delete a staff’s information so that I can remove the staff’s information from the system. | HIGH | The administrator can see the updated list without the information of the staff deleted. | 5 |
| US-06 | As a staff, I want to be able to login as staff so that I can see all the functions of the program that a staff can do. | HIGH | The staff can see all the functions of the program exclusive for the staff only. | 5 |
| US-07 | As staff, I want to create a new employee, so that I can see this employee in the list. | HIGH | The staff can see the newly added employee in the list of all employees. | 3 |
| US-08 | As a staff, I want to read or view all the employees, so that I can see all the information about all the employees in a single panel. | HIGH | The staff can see a list of all the employees registered on the system. | 5 |
| US-09 | As a staff, I want to update the list, so that I can edit the information about an employee. | HIGH | The staff can see the edited information about the employee. | 5 |
| US-10 | As a staff, I want to delete an employee’s information so that I can remove the employee’s information from the system. | HIGH | The staff can see the updated list without the information of the employee deleted. | 5 |
| US-11 | As an employee, I want to be able to login as employee so that I can see all the functions of the program that I can do. | HIGH | The employee can see all the functions of the program exclusive for the employee only. | 5 |
| US-12 | As an employee, I cannot see the create employee option, so that the administrator can be the only user allowed to do this. | MEDIUM | The employee cannot see create employee option on the system. | 3 |
| US-13 | As an employee, I want to see the list of all employees option, so that I get to know fundamental information about other employees. | MEDIUM | The employee cannot see the list of all employees option on the system. | 3 |
| US-14 | As an employee, I will not be able to update any information, so that the administrator and staff can be the only users allowed to do this. | MEDIUM | The employee cannot see create employee option on the system. | 3 |
| US-15 | As an employee, I want to login as employee so that I can view my information on the system. | HIGH | The employee can only see his/her information in the system. | 5 |