**Software Requirements Document**

**Problem Statement:**

You are an IT Support Administrator and are charged with the task of creating credentials for new hires Your application should do the following:

a) Generate an email with the following syntax [firstNamelastName@department.company.com](mailto:firstNamelastName@department.company.com)

b) Determine the department (Technical, Admin, Human Resource, Legal)

c) Generate a random password which will contain (number, capital letter, small letter & special character)

d) Display the generated credentials

e) Use parameterized constructor of class Employee, to pass firstName, lastName.

f) Create a separate CredentialService which will have generatePassword, generateEmailAddress, & showCredentials method.

**Sample output**

Please enter the department from the following

1. Technical
2. Admin
3. Human Resource
4. Legal

Dear Harshit your generated credentials are as follows

Email ---> [harshitchoudary@tech.abc.com](mailto:harshitchoudary@tech.abc.com)

Password ---> 181E@wF

**Design Flow Diagram:**

**Employee Details Page**

**Credentials Page**

**Display Credentials**