Lab on securing Force.com application

Company ABC would like to implement a simple Human Resource Management (HRM) Application to keep a record of all the employees in Company ABC. Company ABC has two departments, namely *Product* and *Sales*. Employees are assigned to work in one of these two departments.

The persons who should be able to access the HRM application are: (a) the CEO of Company ABC; (b) Departmental Heads of the two departments within Company ABC; (c) Employees within Company ABC; and (d) Persons outside Company ABC.

Given the constraint of the Force platform Developer Edition, in which only two licenses are associated with each user account, in this case study you are required to make use of the following simplified version of access controls for Company ABC.

(a) Chief Executive Officer
   - Have complete access, view, and be able to edit of all the records of the employees in Company ABC;
   - Should be able to appoint new employees.

(b) Employees of Company ABC (other than the Department Heads and the CEO)
   - Should be able to view only the following information for each employee in Company ABC – First Name, Last Name, Qualification, Department, and Email Address.

Assuming that the HRM application has only one object – the Employee object, carry out the following activities:

Part (1):

        (a) Create an Employee object with the following fields: First Name (Text), Last Name (Text), Employee ID (Number), Department ID (Picklist), Email Address (Email), Date of Birth (Date), Salary (Currency), Qualification (Text), and CEO (Checkbox)?

        (b) Create at least five records for the Employee Object

Part (2):

    (c) Create Profiles for the two different types of users (CEO and Employees), and assign a user to the Employee Profile only.
(**Note:** If you create and assign two different users, one to the CEO profile and the second one to the Employee Profile, and assign them correspondingly to each of the profiles, then you cannot create any more new users on the Force.com platform)

    (d) Customize each of the created profile based on the access control policies mentioned above

Part (3):

    (e) Set an organization-wide default for the Employee object

    (f) Implement a role hierarchy on the employee object. Please keep in mind that in the Developer Editor of the Force Platform, you have access to only two user licenses. Assign yourself to the CEO role.