

Close ×

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan

Software Design Specification

- Hasibul Hassan 1731806
- Anan Ghosh 1811796642
- Mohammad Moshfique Uddin 1812082642
- Ifran Rahman Nijhum - 1813043042

Introduction:

This document will provide a basic guideline to help develop a document storage system as per the requirements stated by PERL International. The document contains different sections to describe the overall working procedure to be maintained throughout the course of development. Section 2 will start with describing the document conventions while section 3.1 and 3.2 will discuss about the design components and a high-level component design. Section 4.1 and 4.2 contains class diagrams and sequence diagram that are going to be used to develop the project and section 5 will contain the database design followed by section 6 which will contain the implementation plan.

Document Conventions:

For the Class Diagrams, Sequence Diagrams and ER diagrams, separate legends will be provided in the respective sections. Other than that, this document uses the following conventions: Emphasized word - word, Quoted Text- "quote".

Description of Design Components:

Django <https://docs.djangoproject.com/en/3.1/>
Android <https://developer.android.com/>
Firebase <https://firebase.google.com/docs>
HTML & CSS https://www.w3schools.com/html/html_css.asp

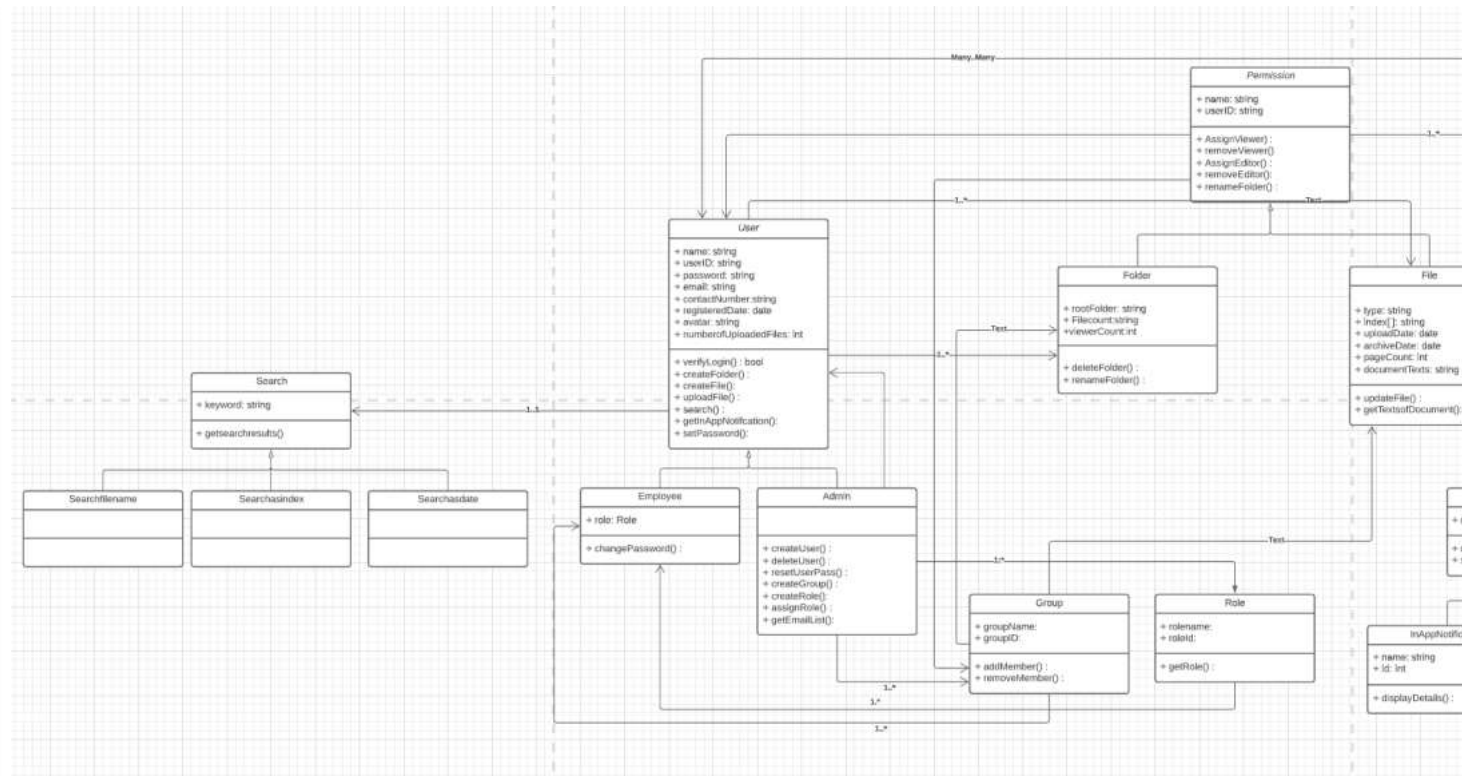
Class diagrams:

Close ×

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



Sequence Diagrams:

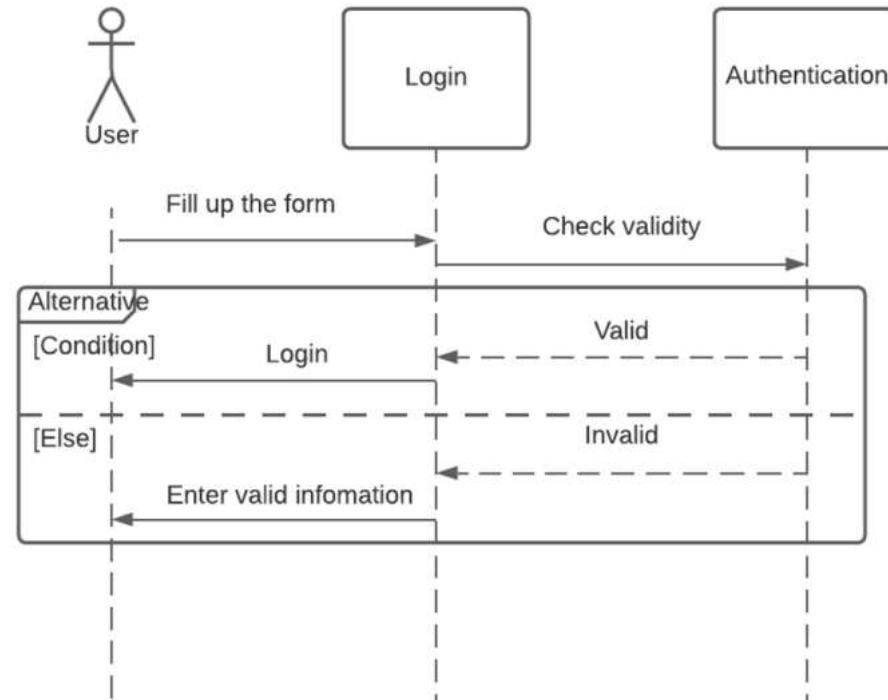
- Employee Login:

[Close ×](#)

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



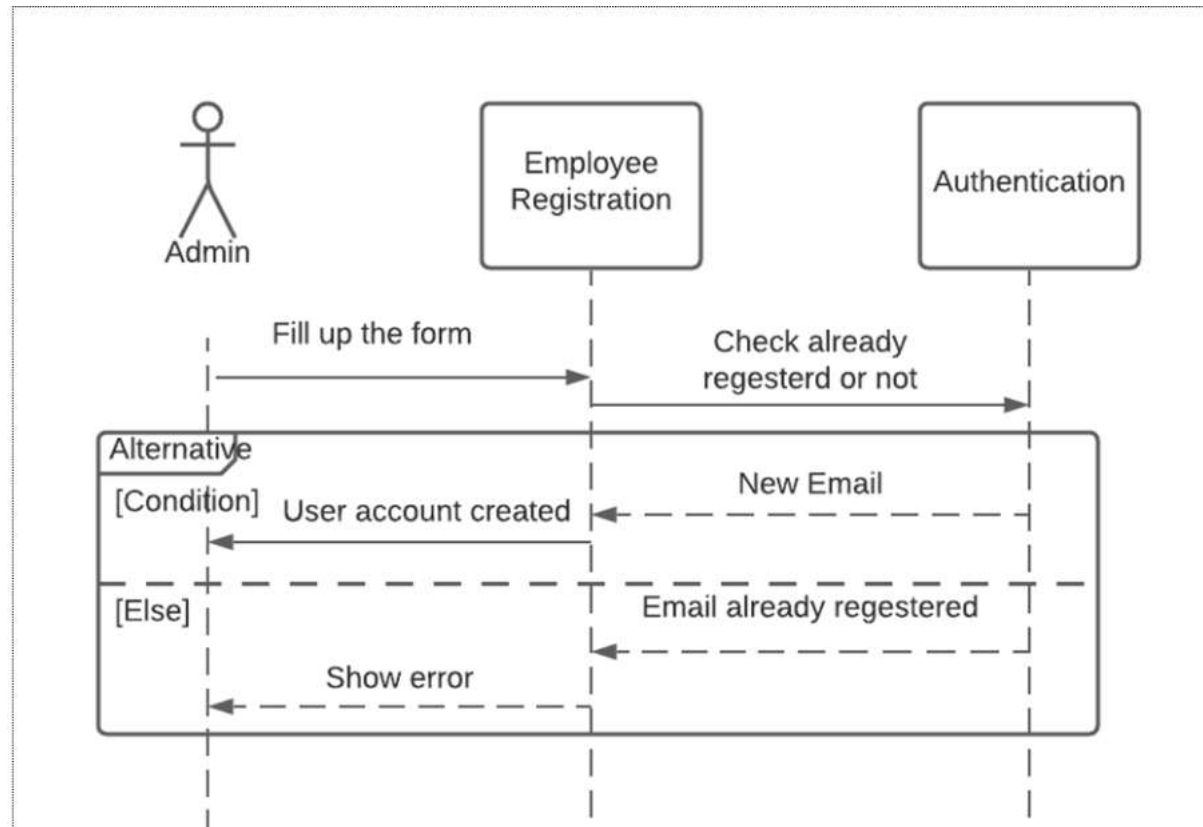
- Employee Registration:

[Close ×](#)

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



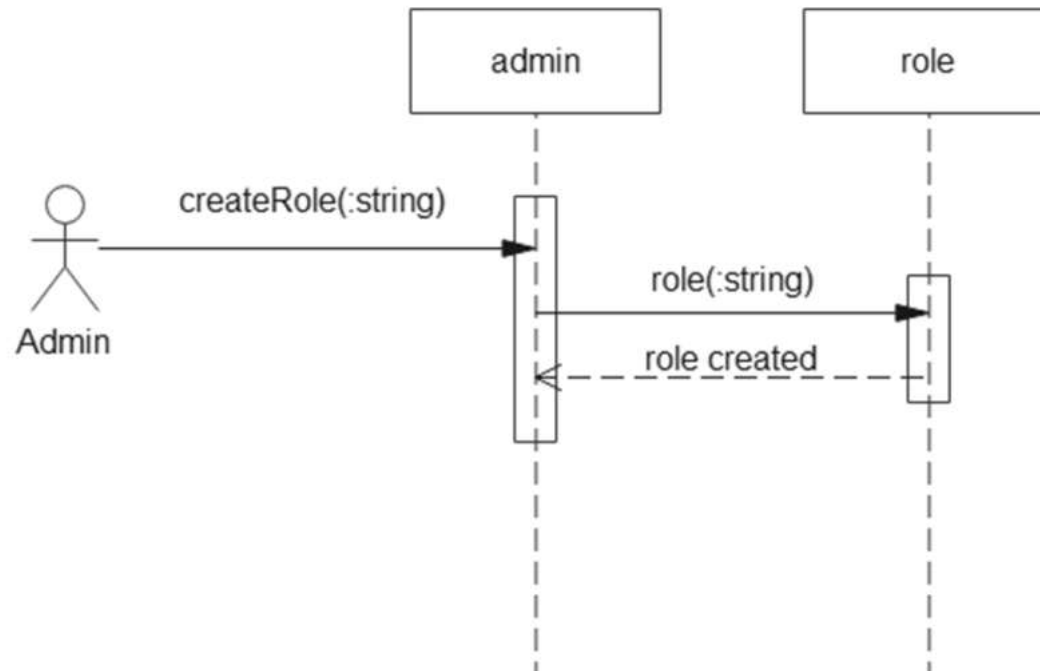
- Create Role:

[Close ×](#)

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



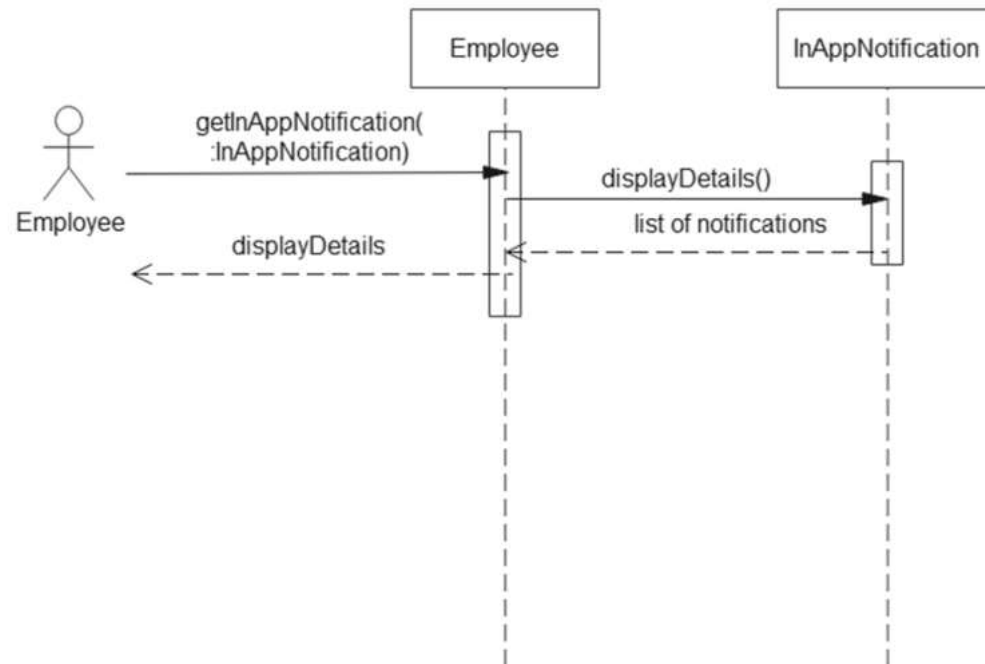
- Get notification:

Close ×

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



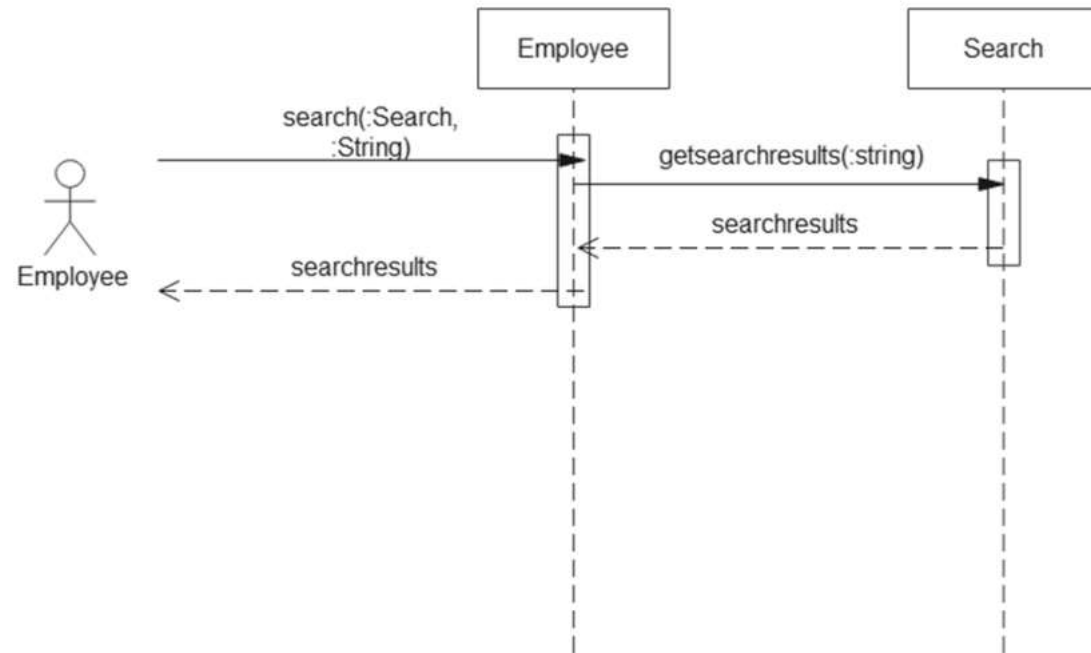
- Search:

[Close ×](#)

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



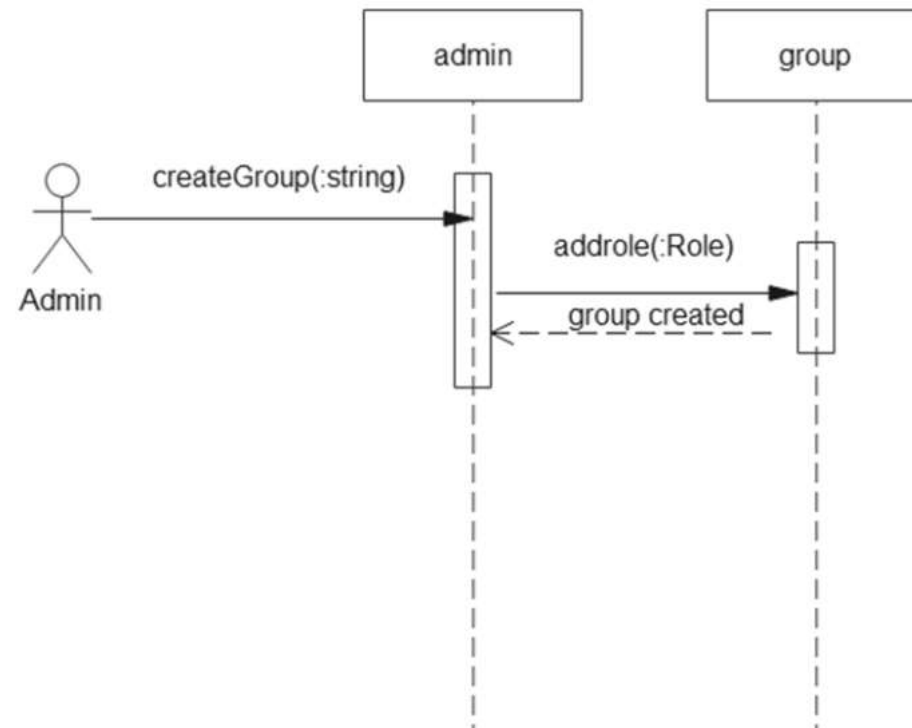
- Create Group:

Close ×

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



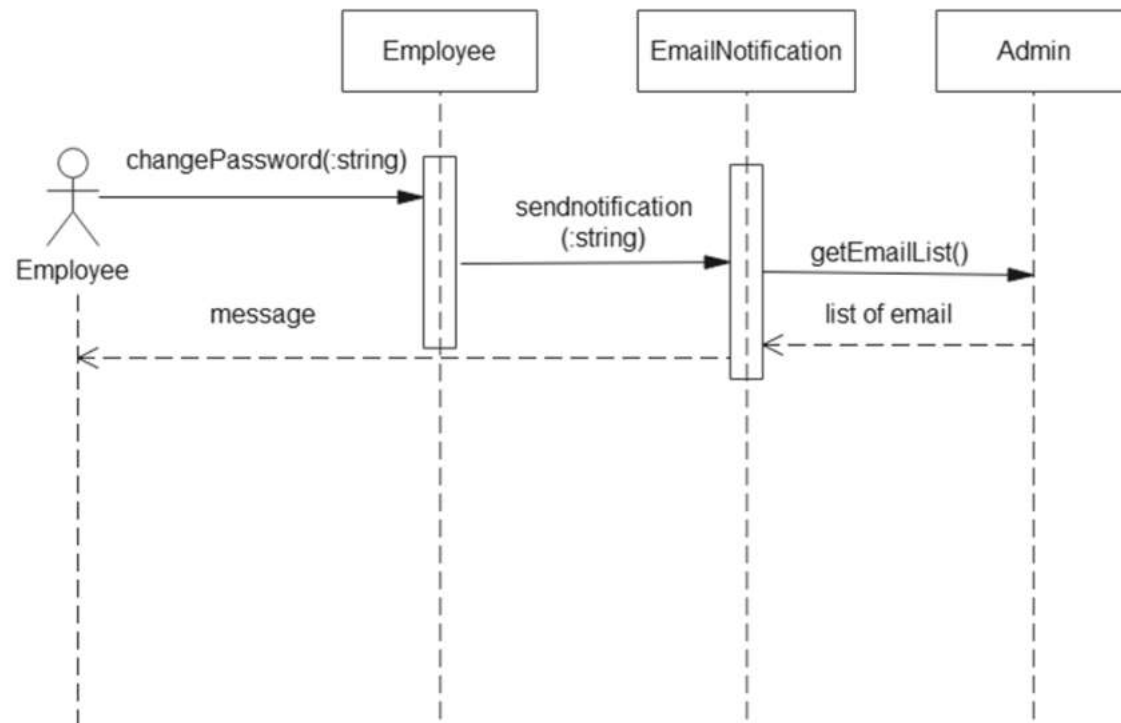
- Request for change of password:

Close ×

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



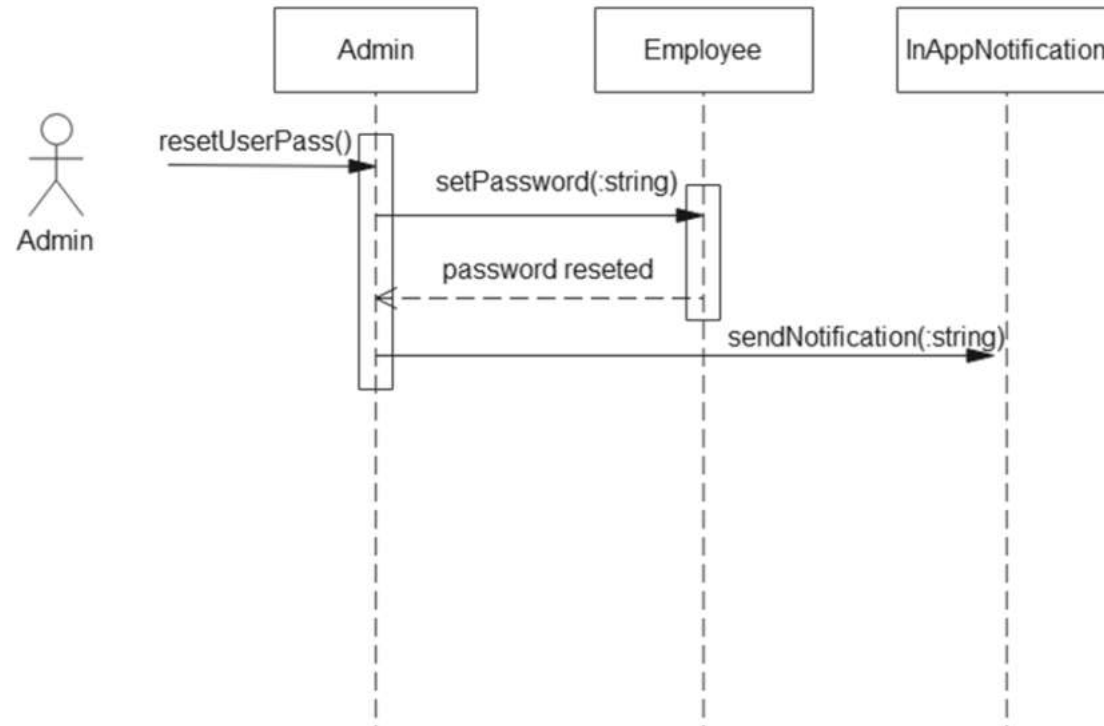
- Reset user's password:

Close ×

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



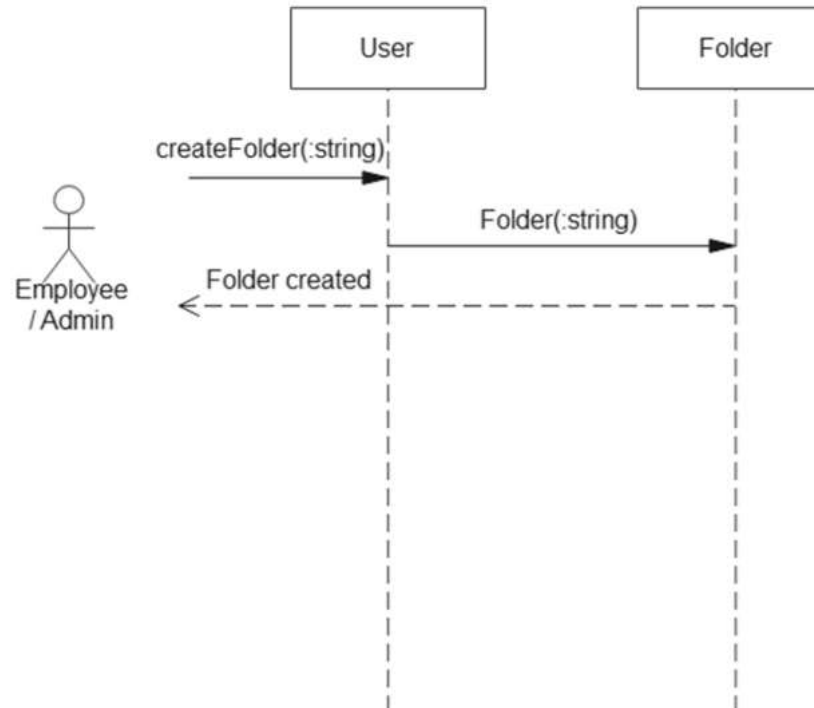
- Create Folder:

Close ×

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



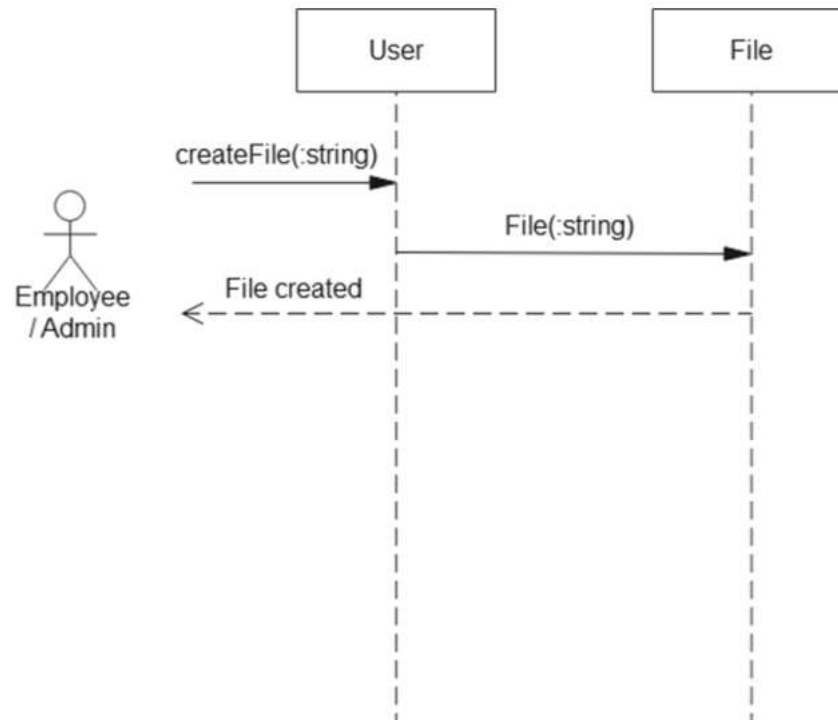
- Create file:

Close ×

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



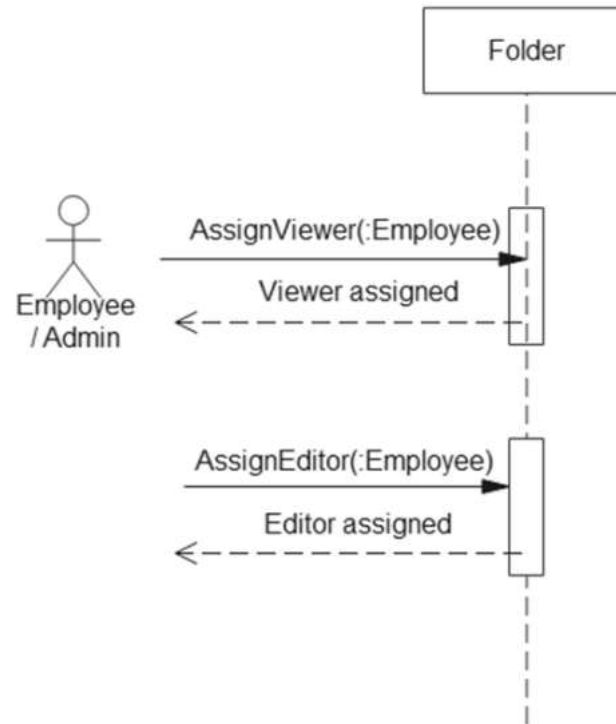
- Assign users to folder:

[Close ×](#)

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



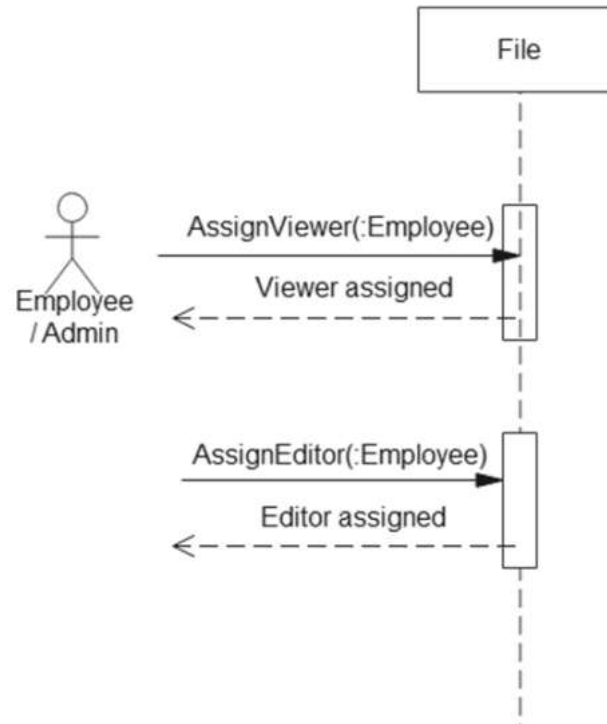
- Assign users to file:

[Close ×](#)

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



Database Design:

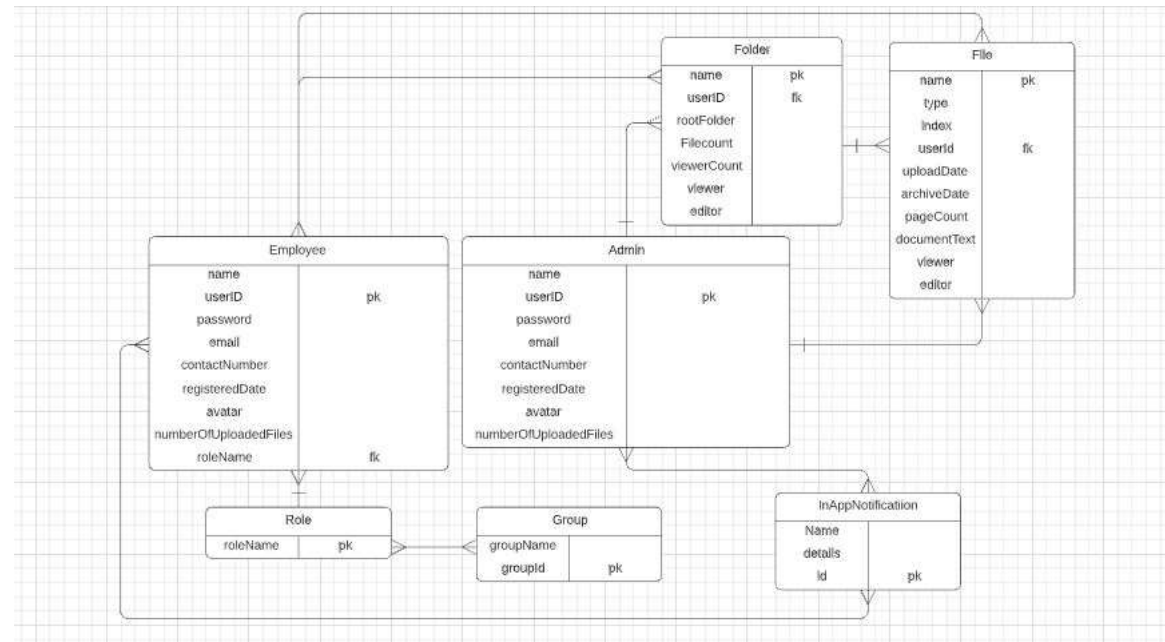
- ER Diagram

Close x

Software Design Specification

Table of Contents

- Introduction
- Document Conventions
- Description of Design Components
- Class diagrams
- Sequence Diagrams
- Database Design
- Implementation plan



Implementation plan: