

Requirement analysis : *MyNotes*

Development of a mobile application with Android

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1 Domain description

1.1 Domain model

Figure 1 shows the domain model diagram. As you can see, it a very simple model with only one class.

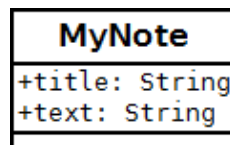


Figure 1: Domain model diagram for the *MyNotes* application.

2 Functional requirements

Figure 2 shows the use case diagrams for the *MyNotes* application. The functionality basically comes down to a CRUD (create, read, update, delete) kind of operation set.

2.1 UC1 : Create note

- **Name** : Create note
- **Primary actor** : User
- **Interested parties** :
 - User : wants to create a new note to write down some thoughts or information.
- **Preconditions** : /

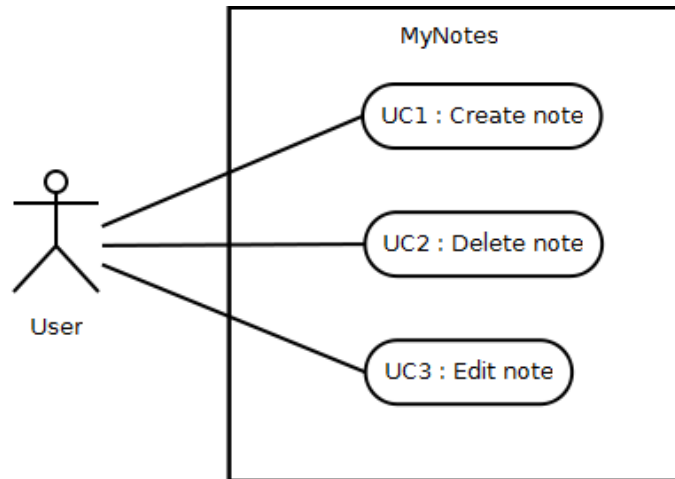


Figure 2: Use case diagram for the *MyNotes* application.

- **Post-conditions :**

- A new note note with given title and body is added to the system.

- **Main scenario :**

1. The User indicates he/she wants to create a new note.
2. The system presents a form with the following fields:
 - the title;
 - the text.
3. The User enters the data and indicates he/she wants to save the note.
4. The system registers the note. The note is added to the other notes present in the system.

2.2 UC2 : Delete note

- **Name :** Delete note

- **Primary actor :** User

- **Interested parties :**

- User : wants to remove the note from the application as it is no longer required.

- **Preconditions :**

- There are saved notes available in the system.

- **Post-conditions :**

- The selected note is no longer present in the system.

- **Main scenario :**

1. The User indicates he/she wants to delete a note.
2. The system deletes the note.

2.3 UC3 : Edit note

- **Name** : Edit note
- **Primary actor** : User
- **Interested parties** :
 - User : wants to elaborate or edit a previously saved note.
- **Preconditions** :
 - There are saved notes available in the system.
- **Post-conditions** :
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- **Main scenario** :
 1. The User indicates he/she wants to edit a note.
 2. The User selects the note he/she wants to edit.
 3. The system presents a form with the following editable fields:
 - the title;
 - the text.
 4. The User updates the data and indicates he/she wants to save the note.
 5. The system registers the updates.