

Sticky Notes Application - UML Diagrams

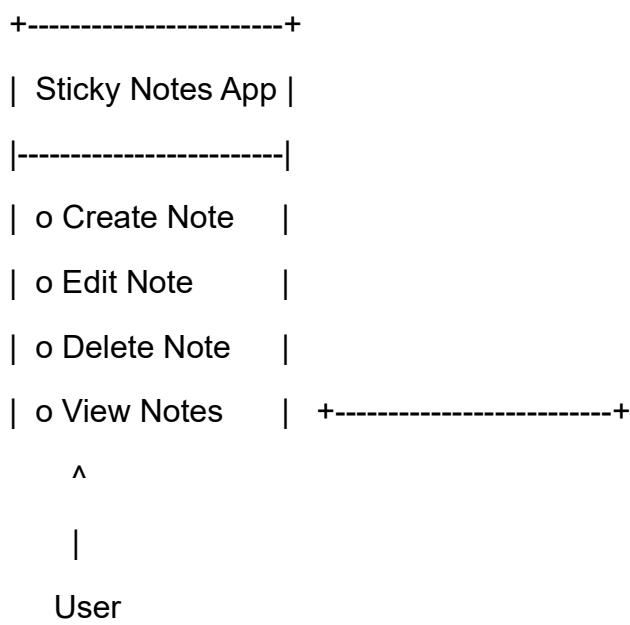
1. Use Case Diagram

Actor: User

Use Cases:

- Create Note
 - Edit Note
 - Delete Note
 - View Notes

UML Representation:



2. Sequence Diagram

Entities:

- User
 - Browser
 - Django View
 - Model
 - Database

Flow:

User -> Browser: Enter note details

Browser -> Django View: POST /create_note

Django View -> Model: Save Note(title, content)

Model -> Database: Insert new note

Database -> Model: Success

Model -> Django View: Note object Django View ->

Browser: Render updated note list Browser -> User: Display
new note

3. Class Diagram

Class: Note

- id: int
- title: str
- content: str
- created_at: datetime - updated_at: datetime
- + save()
- + delete()

Class: NoteView

- + list_notes()
- + create_note()
- + edit_note()
- + delete_note()

Class: NoteForm

- title: str
- content: str
- + is_valid()