



## **Converge**

### **SOFTWARE ENGINEERING(IT-314)**

**Prof. Saurabh Tiwari**

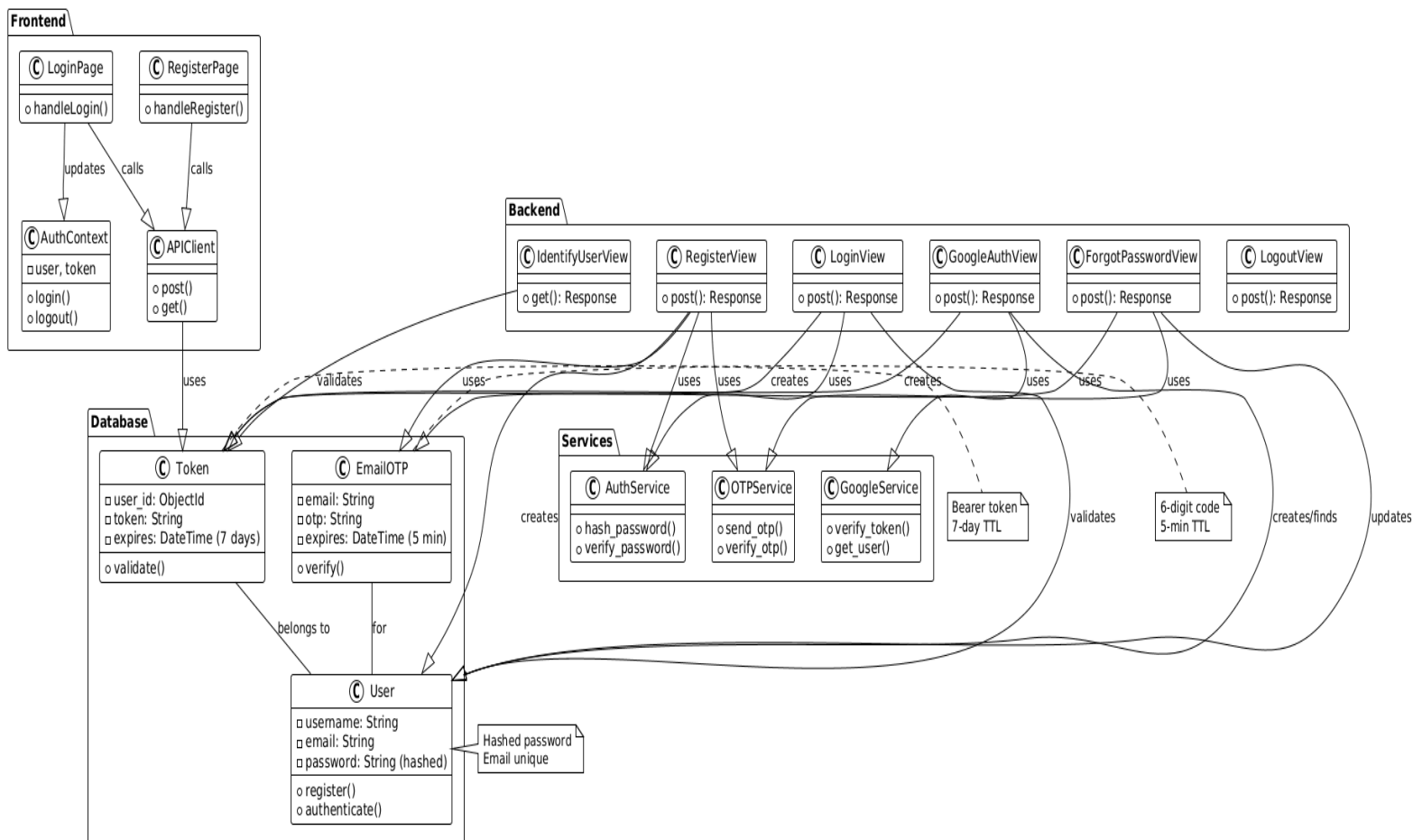
#### **Group - 23**

- 202301209- Gori Faran Firozbhai (Leader)
- 202301224- Prajapati Anushka Maheshbhai
- 202301244- Atharv Shah
- 202301213- Kalriya Prayag Jagdishbhai
- 202301251- Vasani Devarsh Chintanbhai
- 202301243- Vadaviya Chaitri Hareshkumar
- 202301212- Patel Ishti Upendra
- 202301211- Rathod Harita Rajeshbhai
- 202301228- Patel Naitikkumar Dilipbhai
- 202301242- Tejani Charvik Bipinbhai

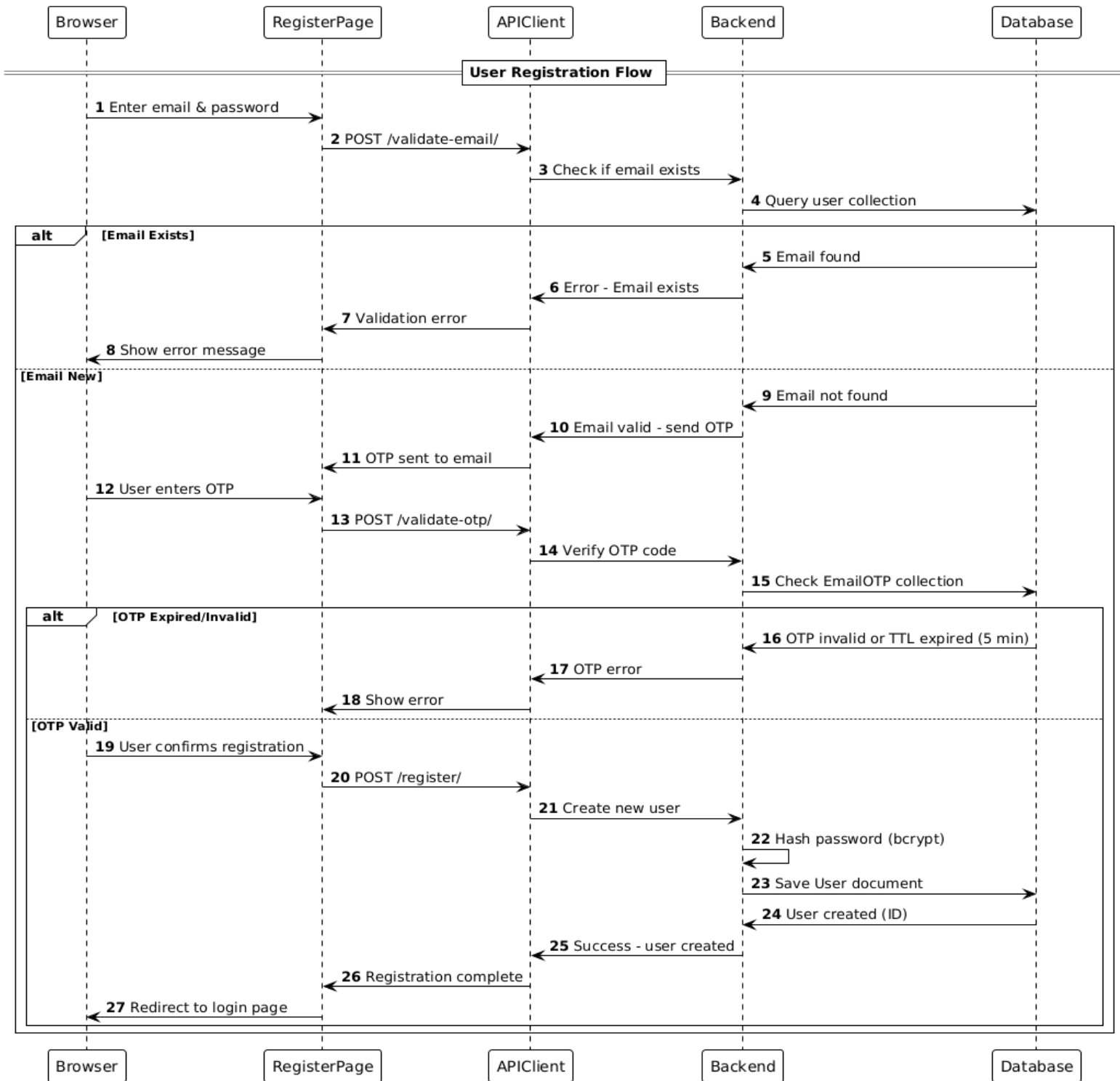
# Sprints:

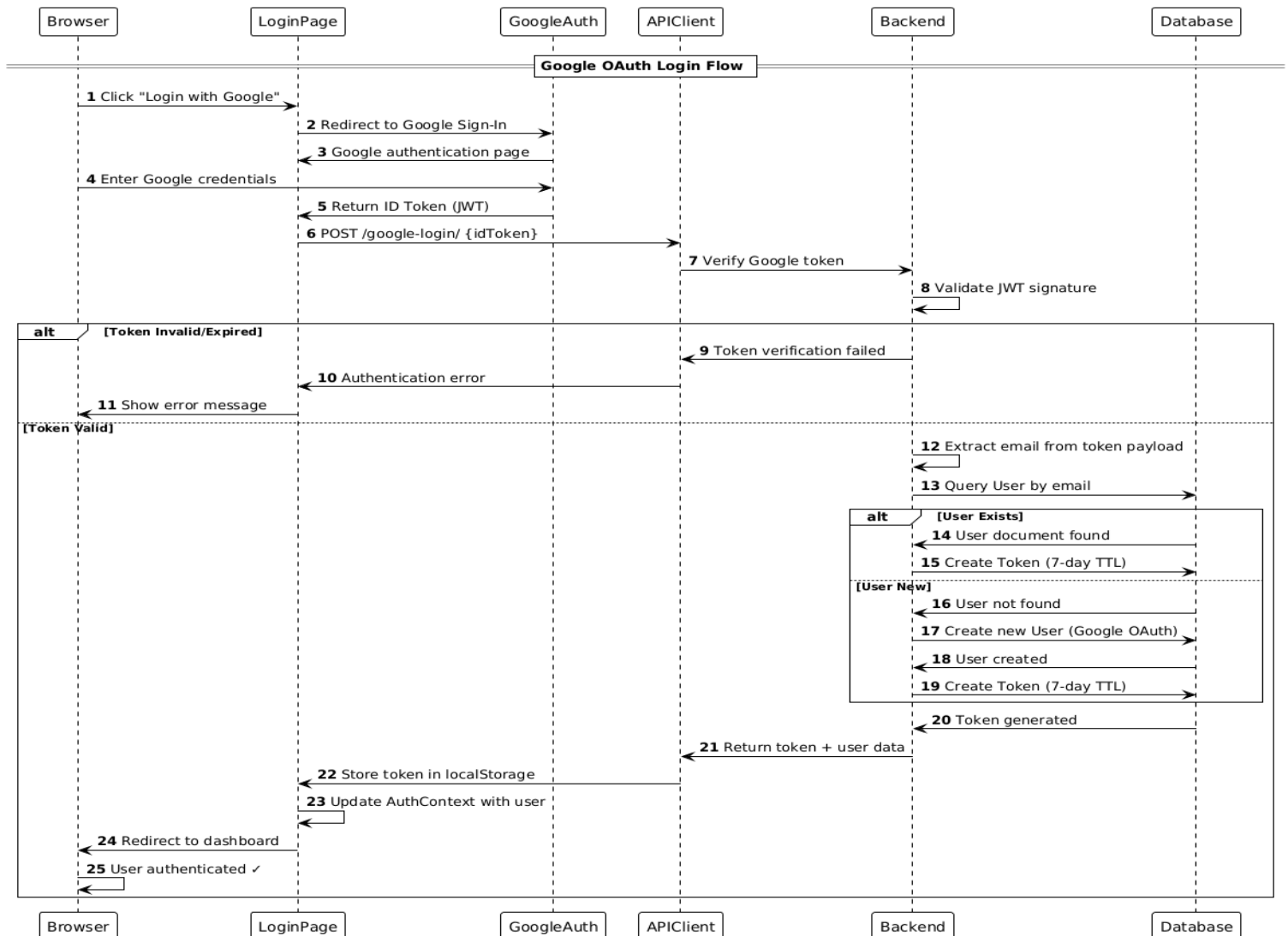
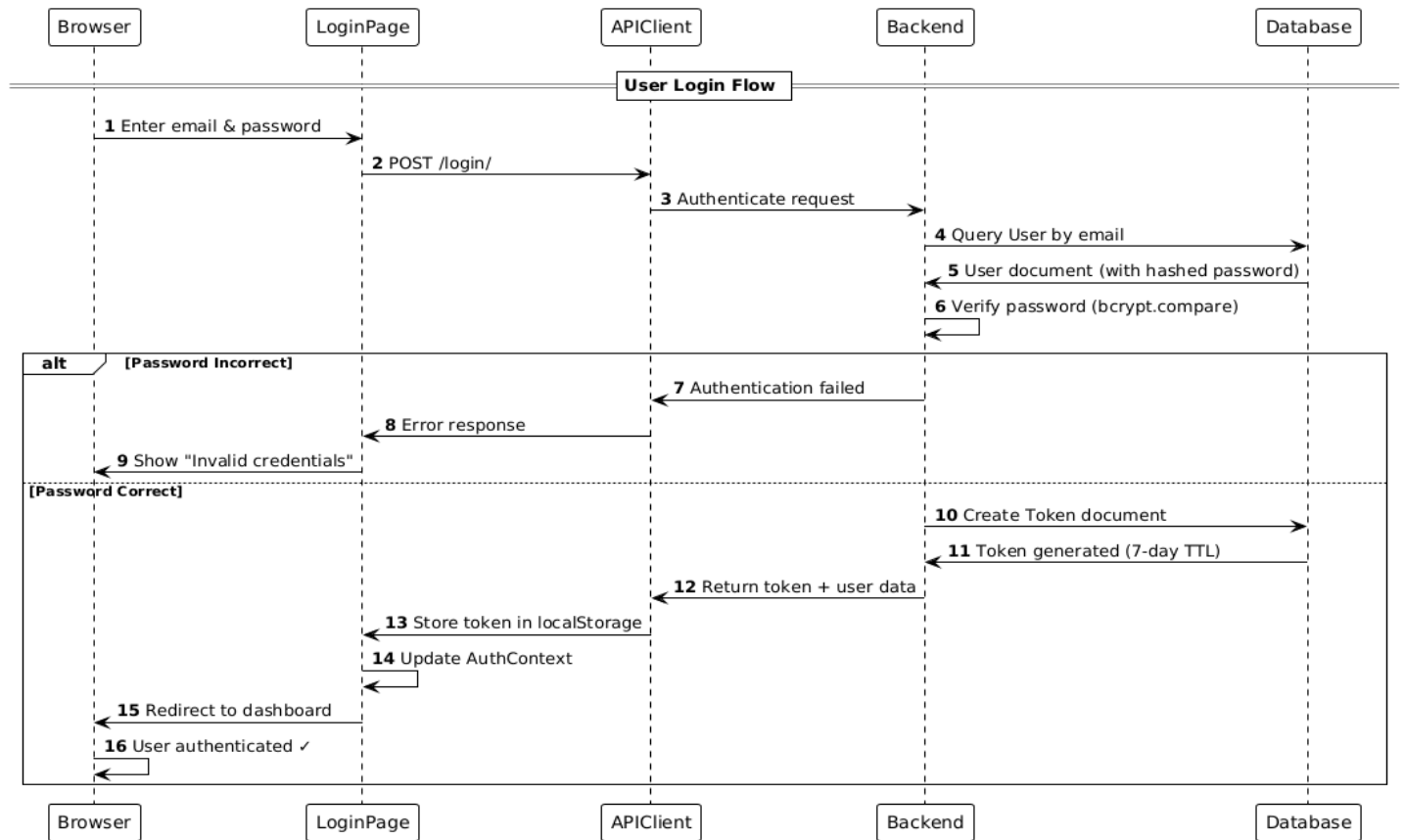
## Sprint 1– Authentication

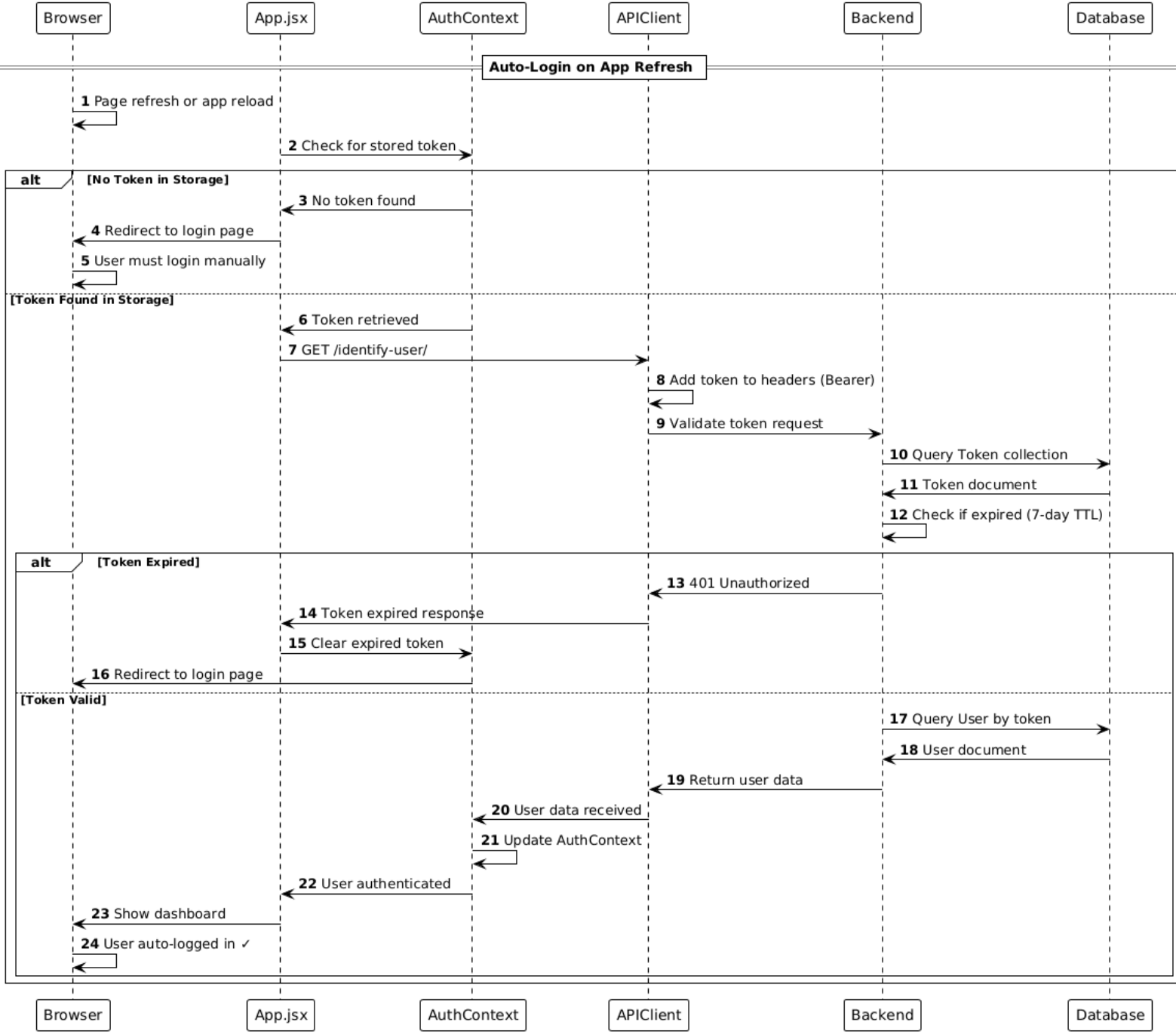
- **Sprint Goal:** Establish secure access for users.
- **Duration:** 1 week.
- **Deliverables:**
  - Secure authentication module.
  - User Register/login/logout/Google login functionality.
- **Key User Story:** US-21
- **Class Diagram:**

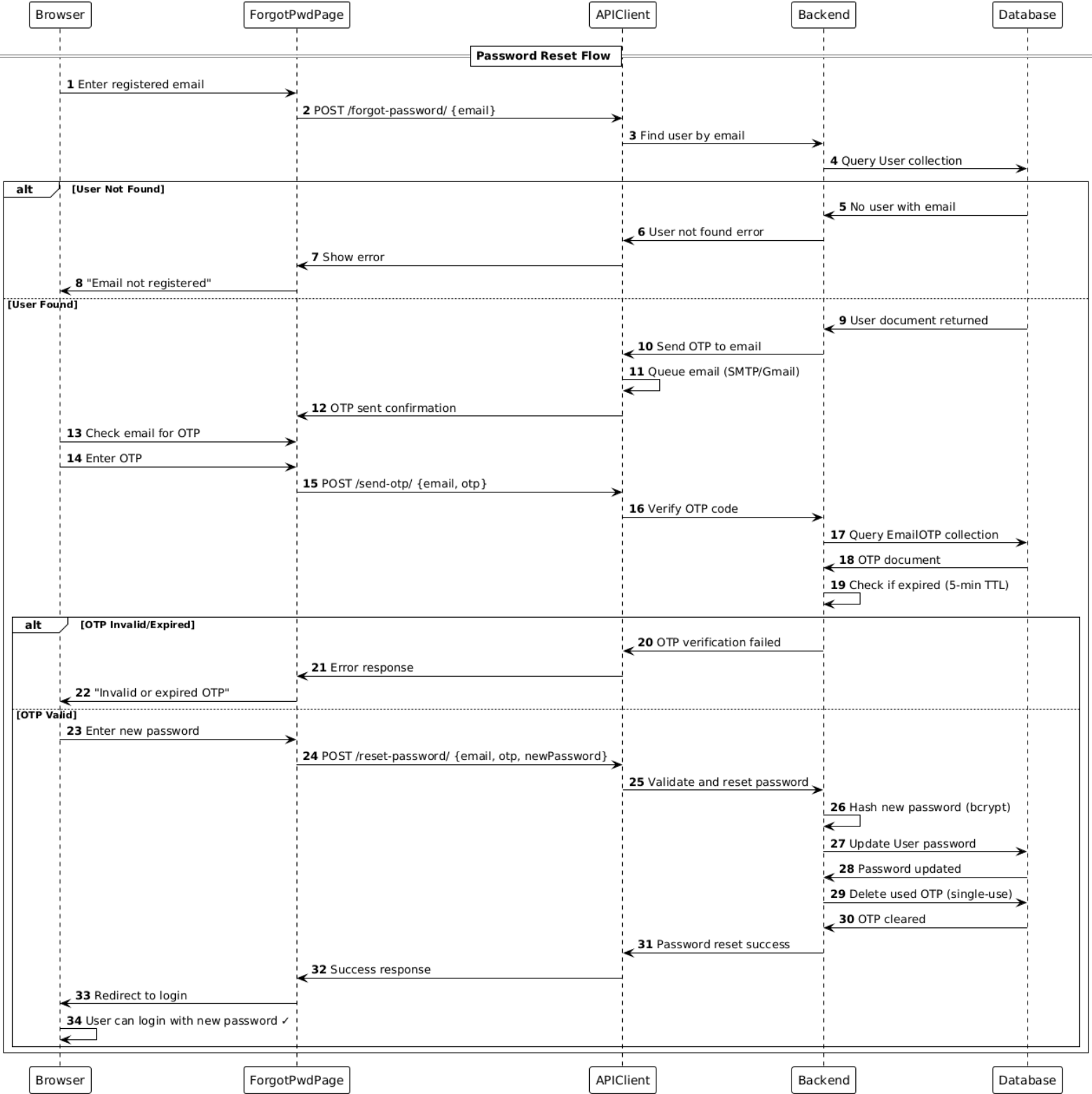


## • Sequence Diagrams:



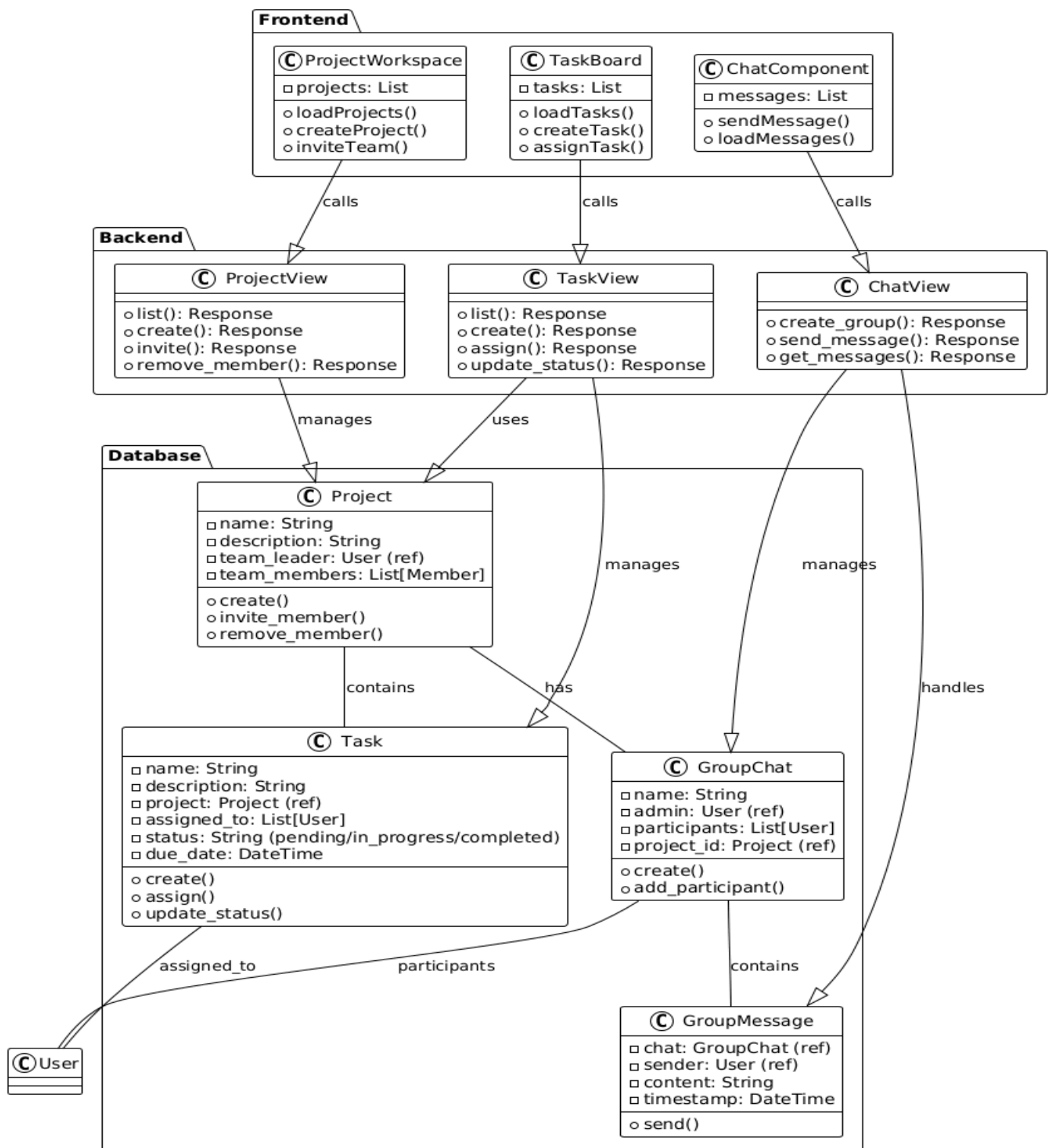




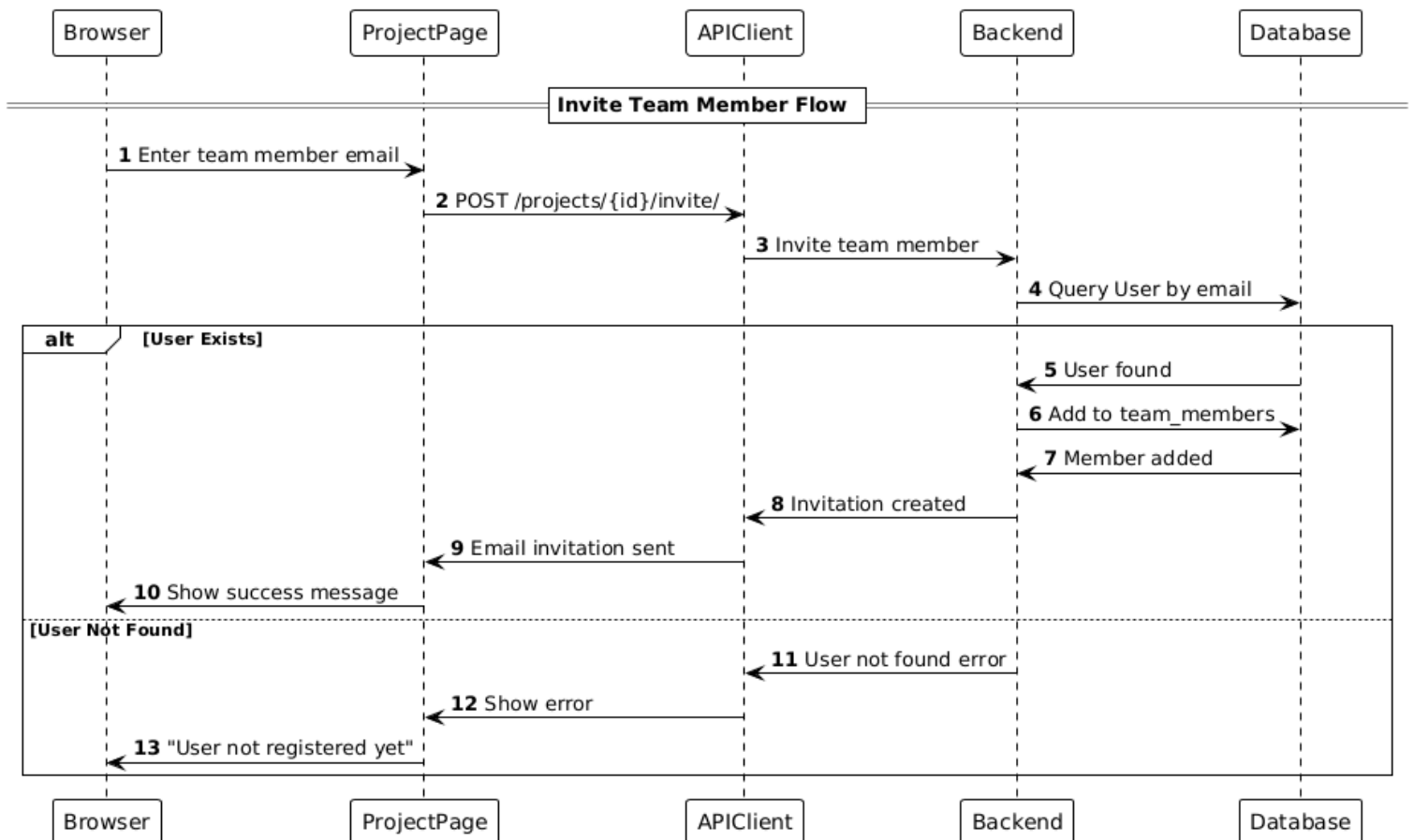
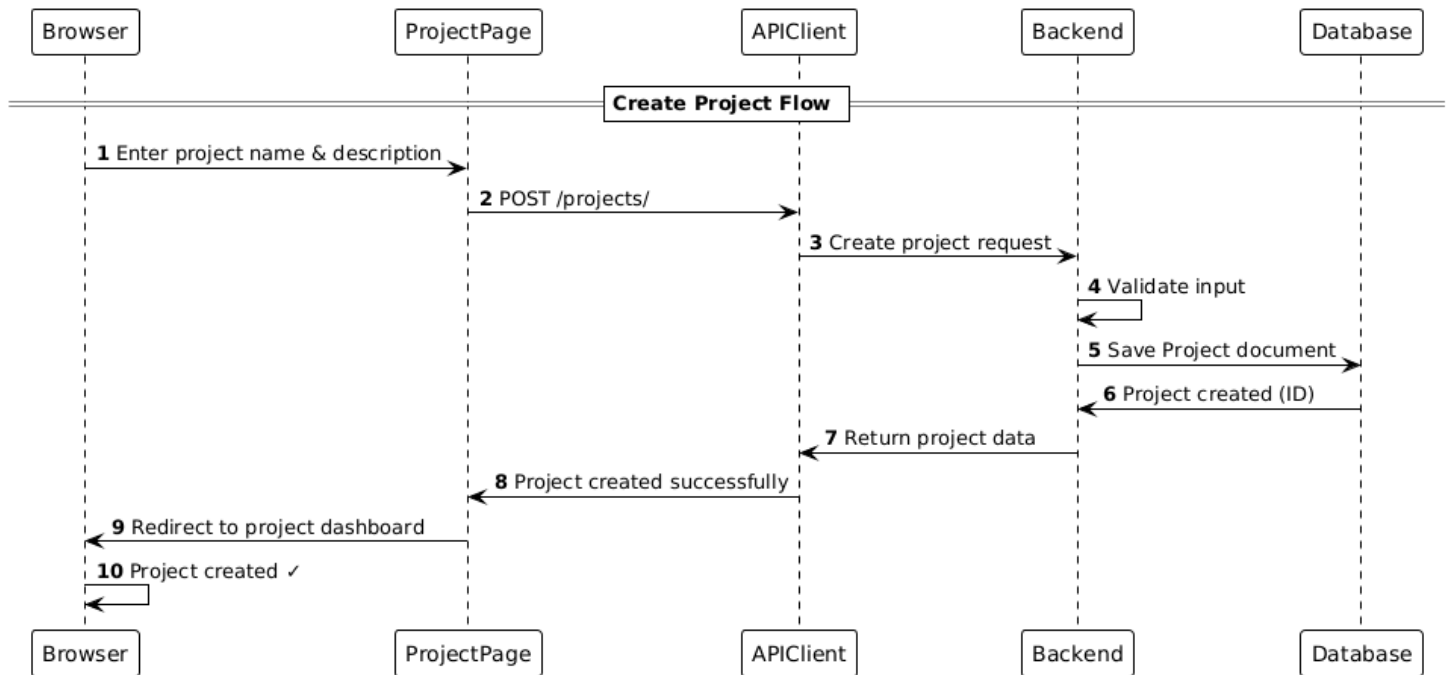


## Sprint 2– Project Setup & Team Communication

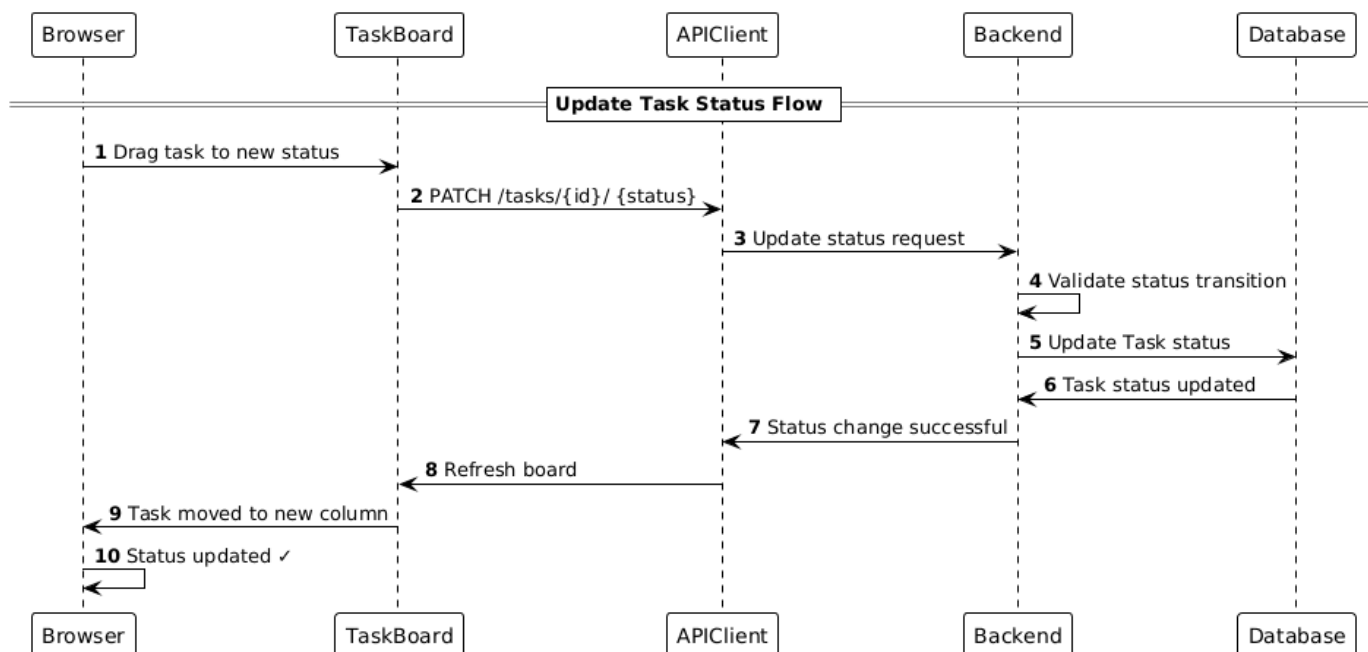
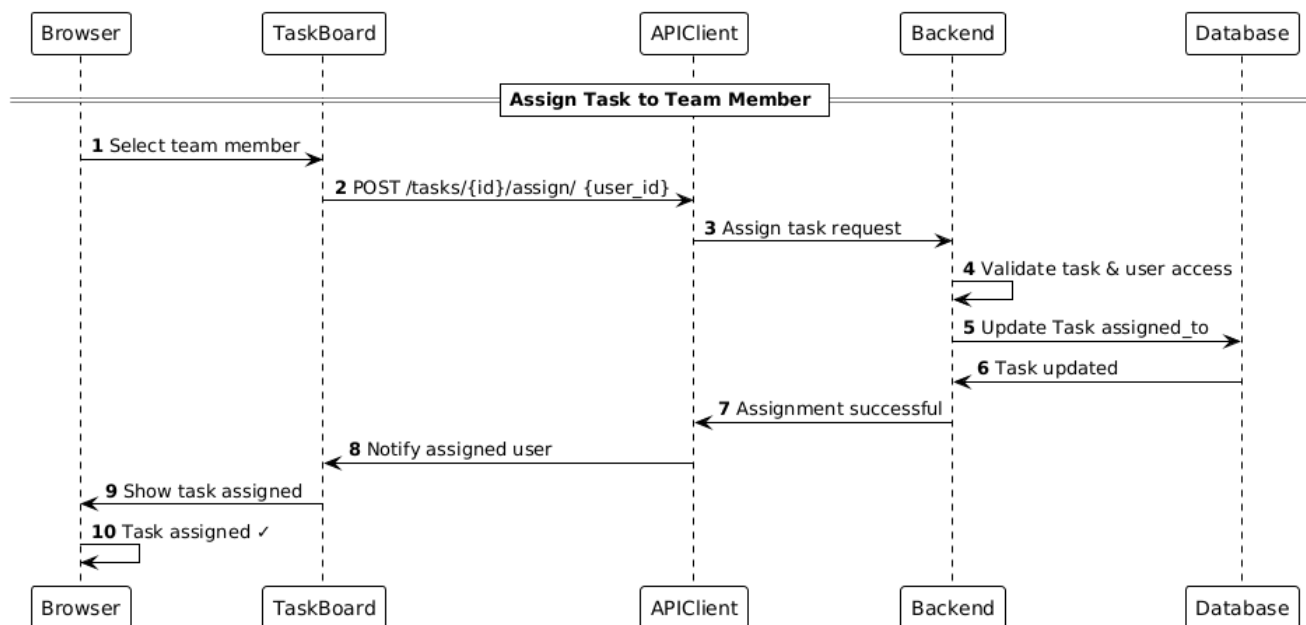
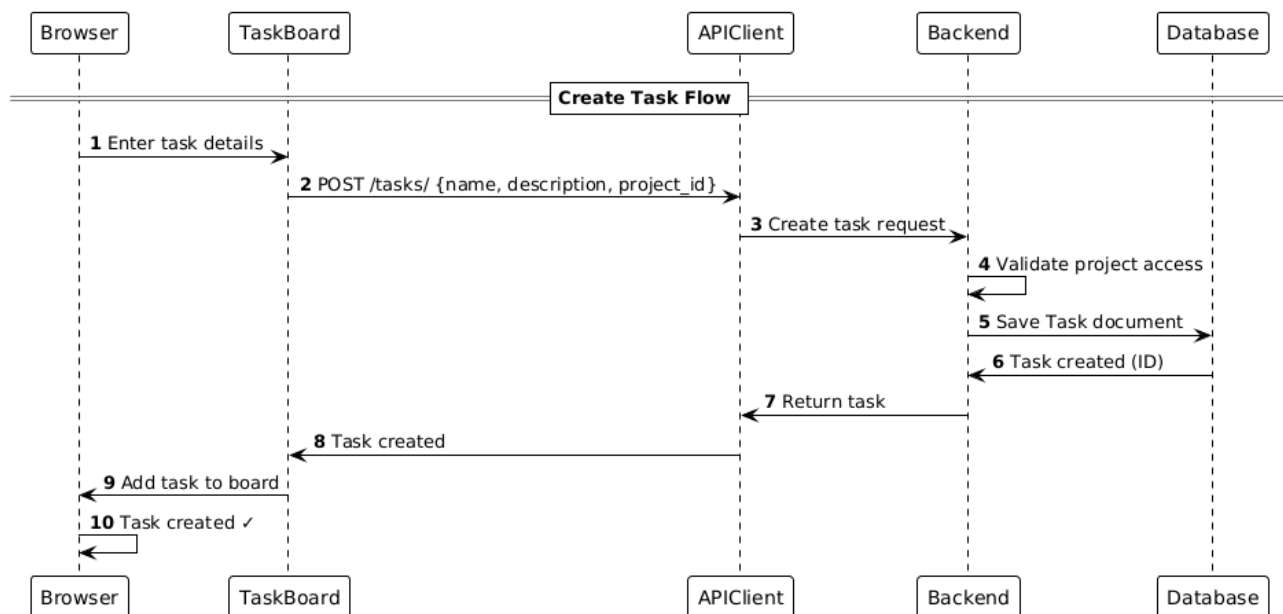
- **Sprint Goal:** Enable project creation, team onboarding, and basic collaboration.
- **Duration:** 1.5 week.
- **Deliverables:**
  - Create and manage projects.
  - Invite team members.
  - Task creation, assignment, and updates.
  - Group chat for team discussions.
- **Key User Story:** US-7
- **Class Diagram:**

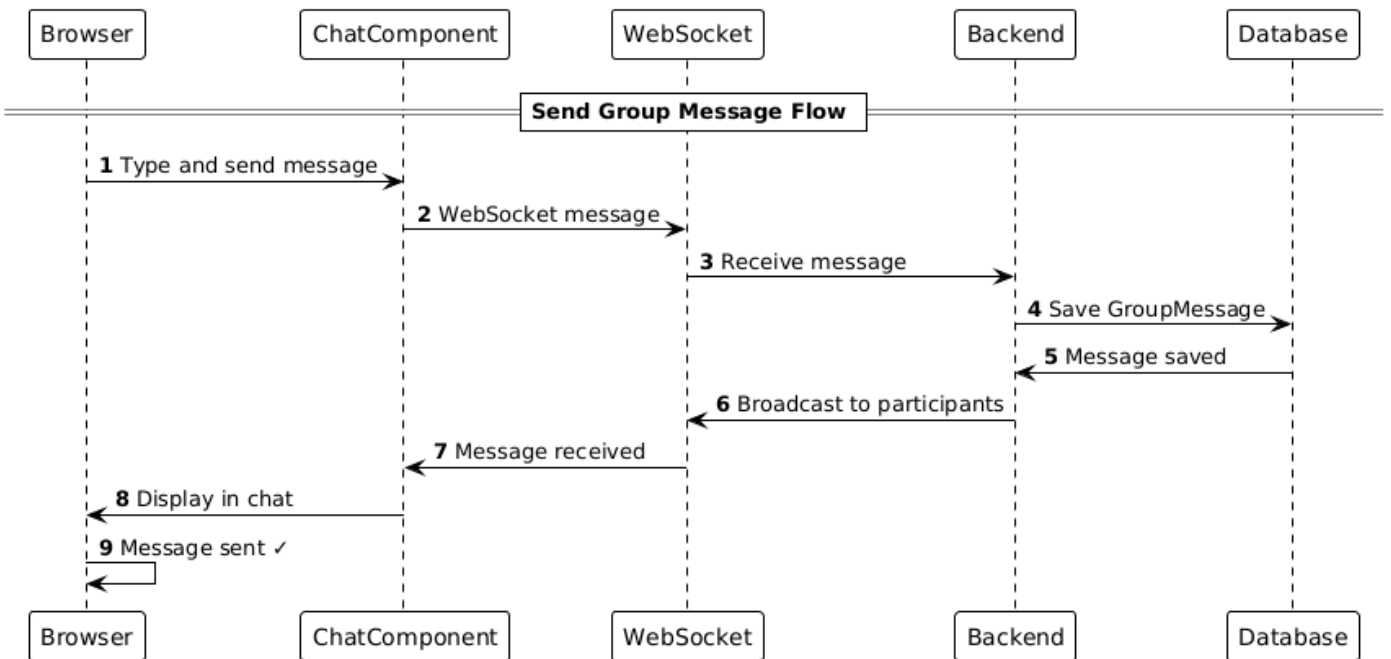
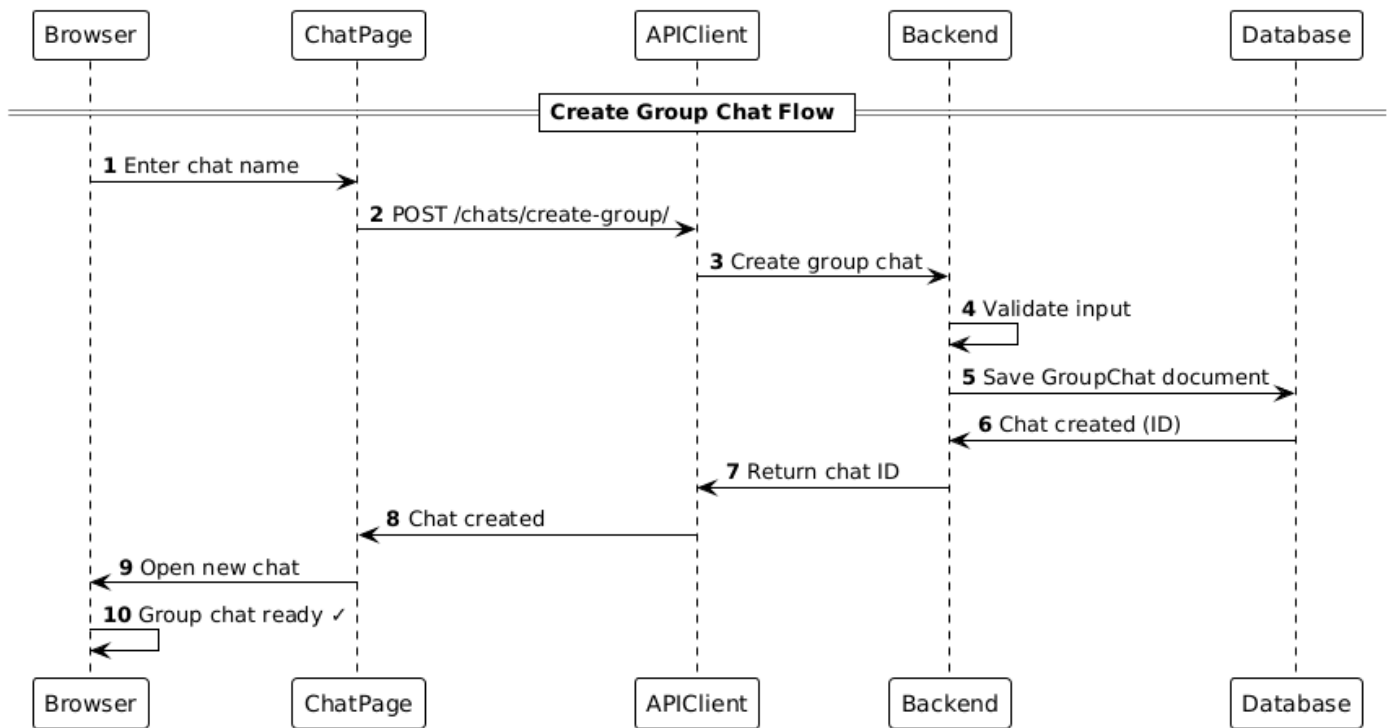


## • Sequence Diagrams:



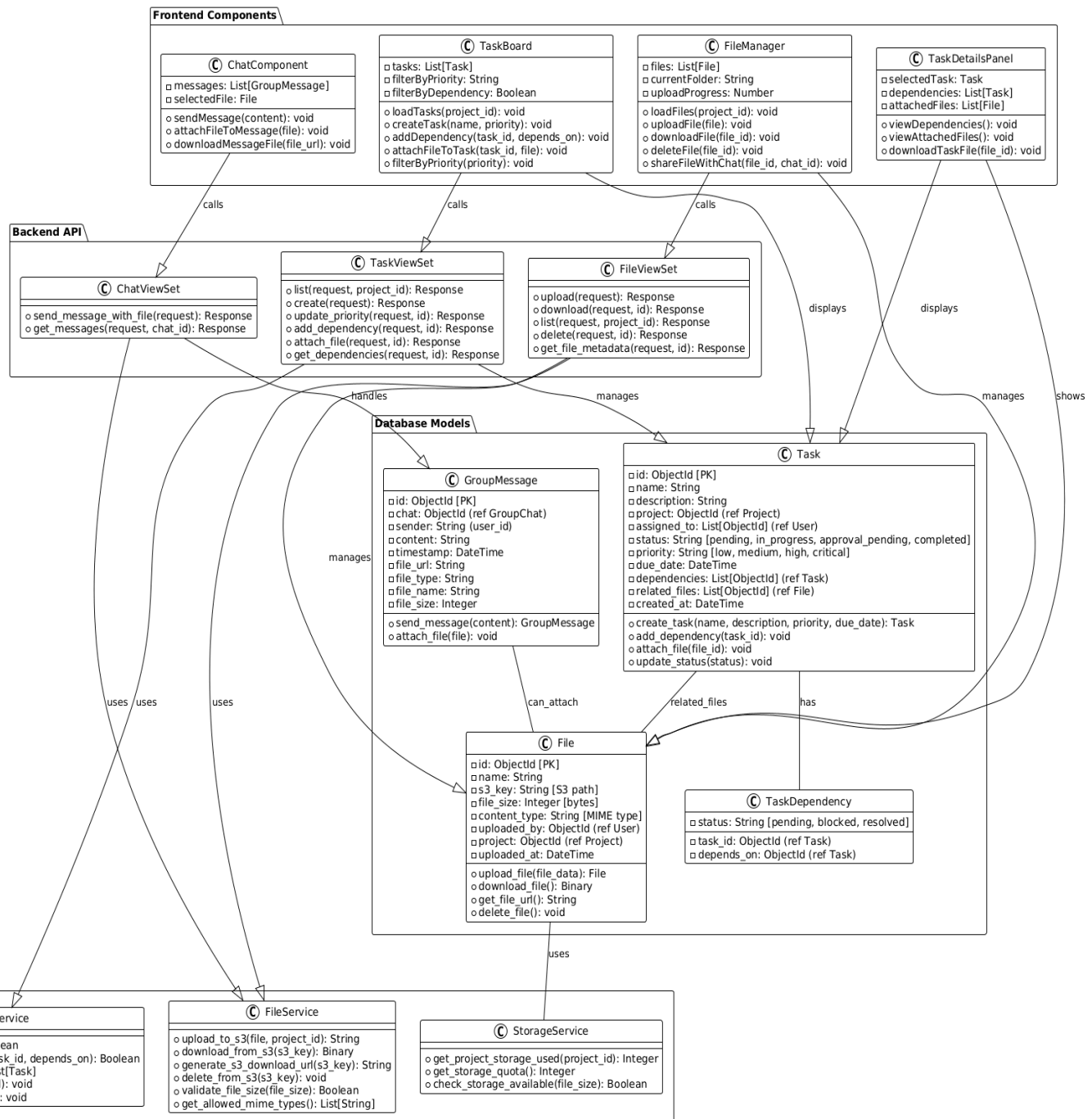




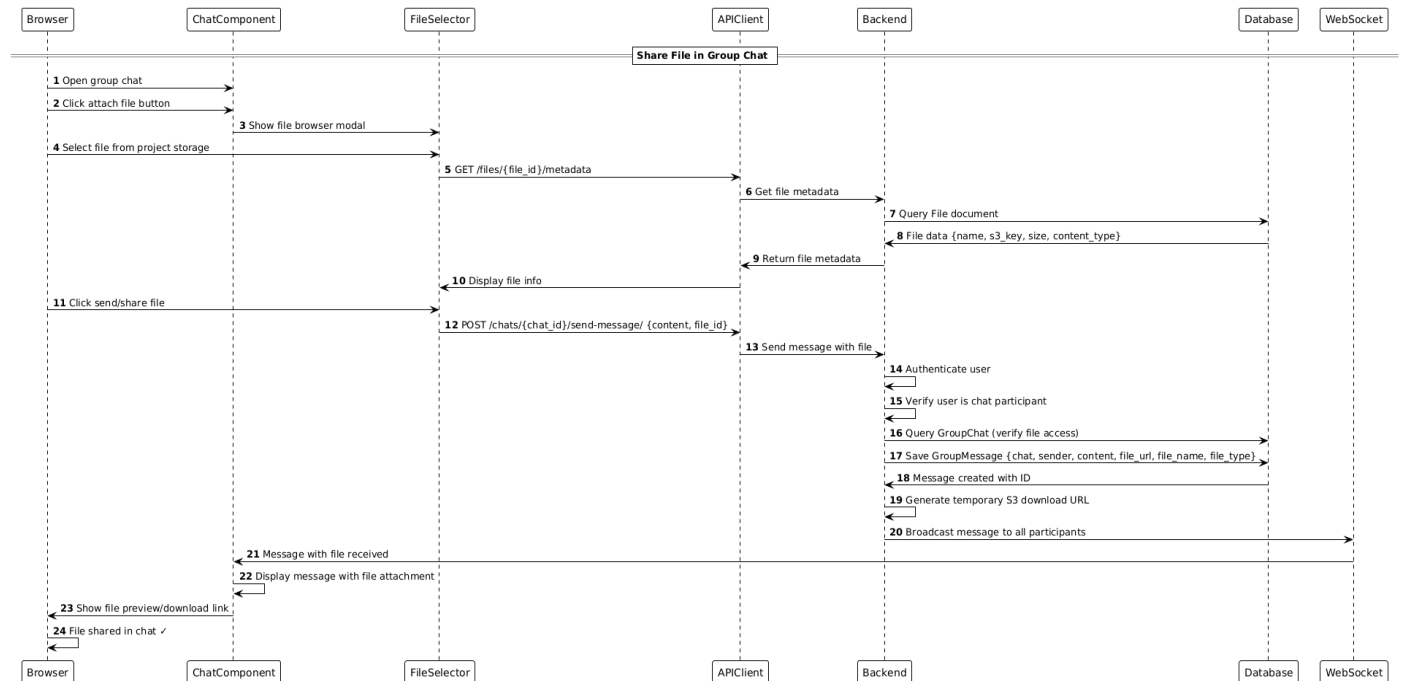
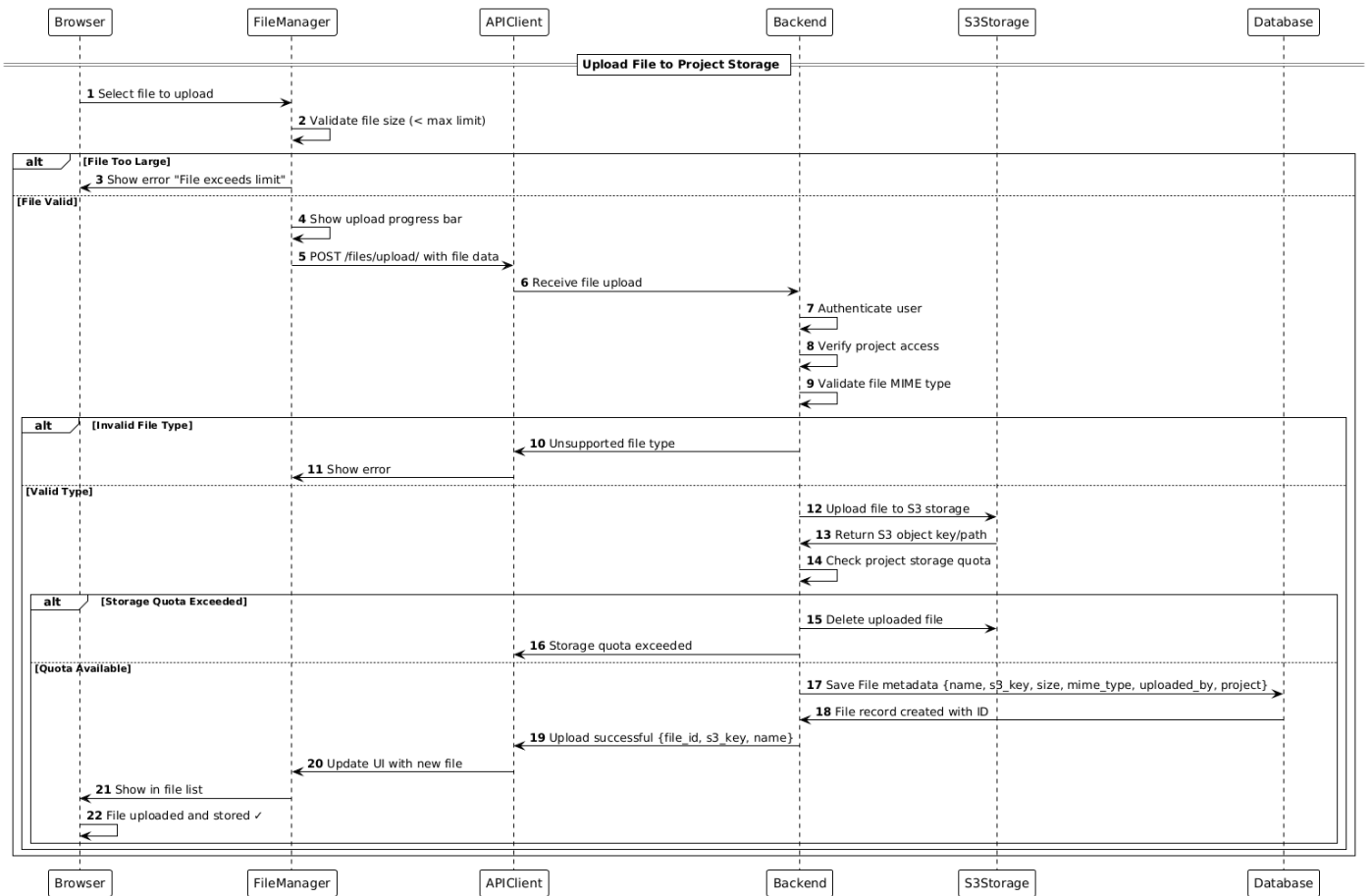


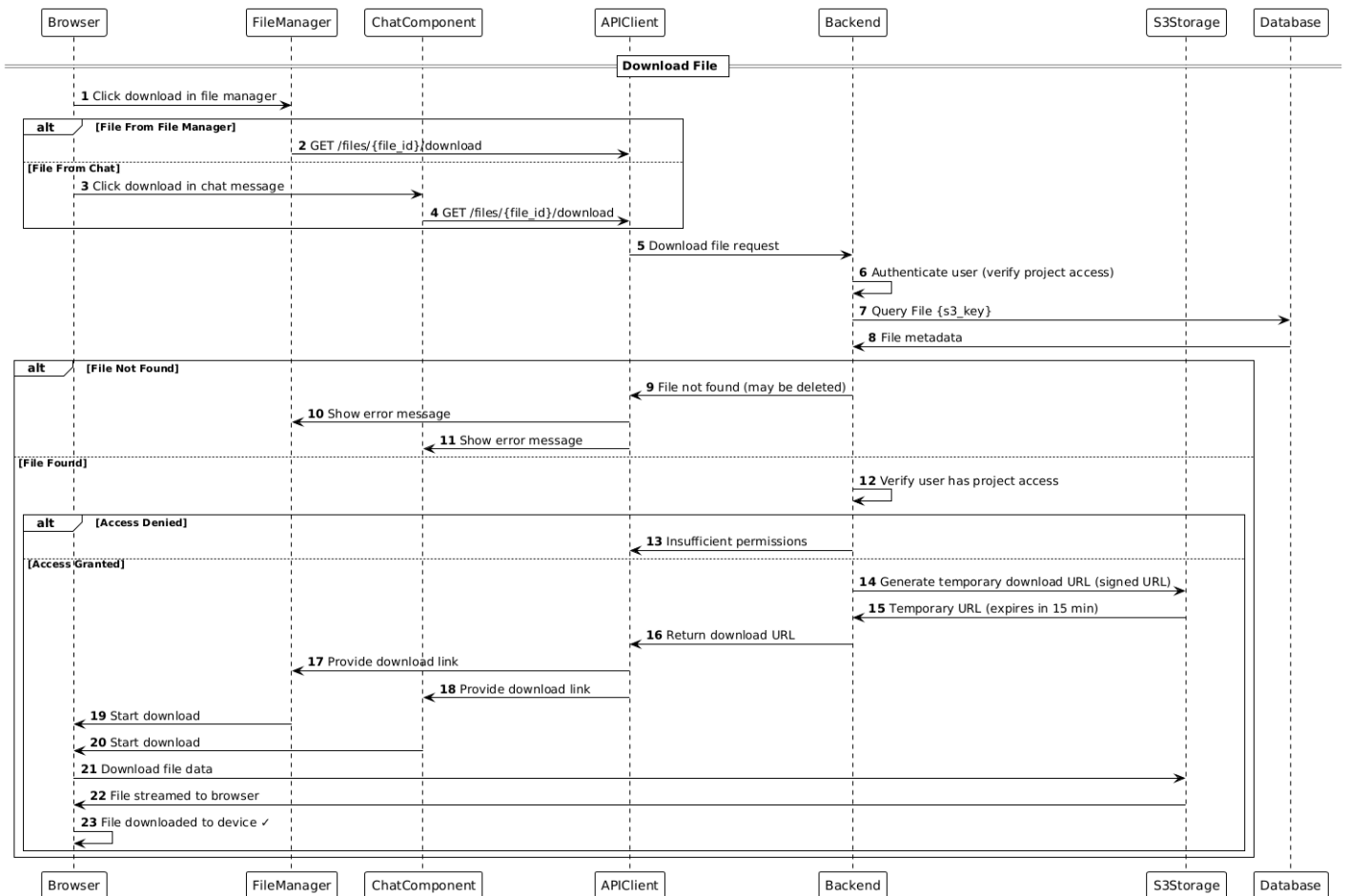
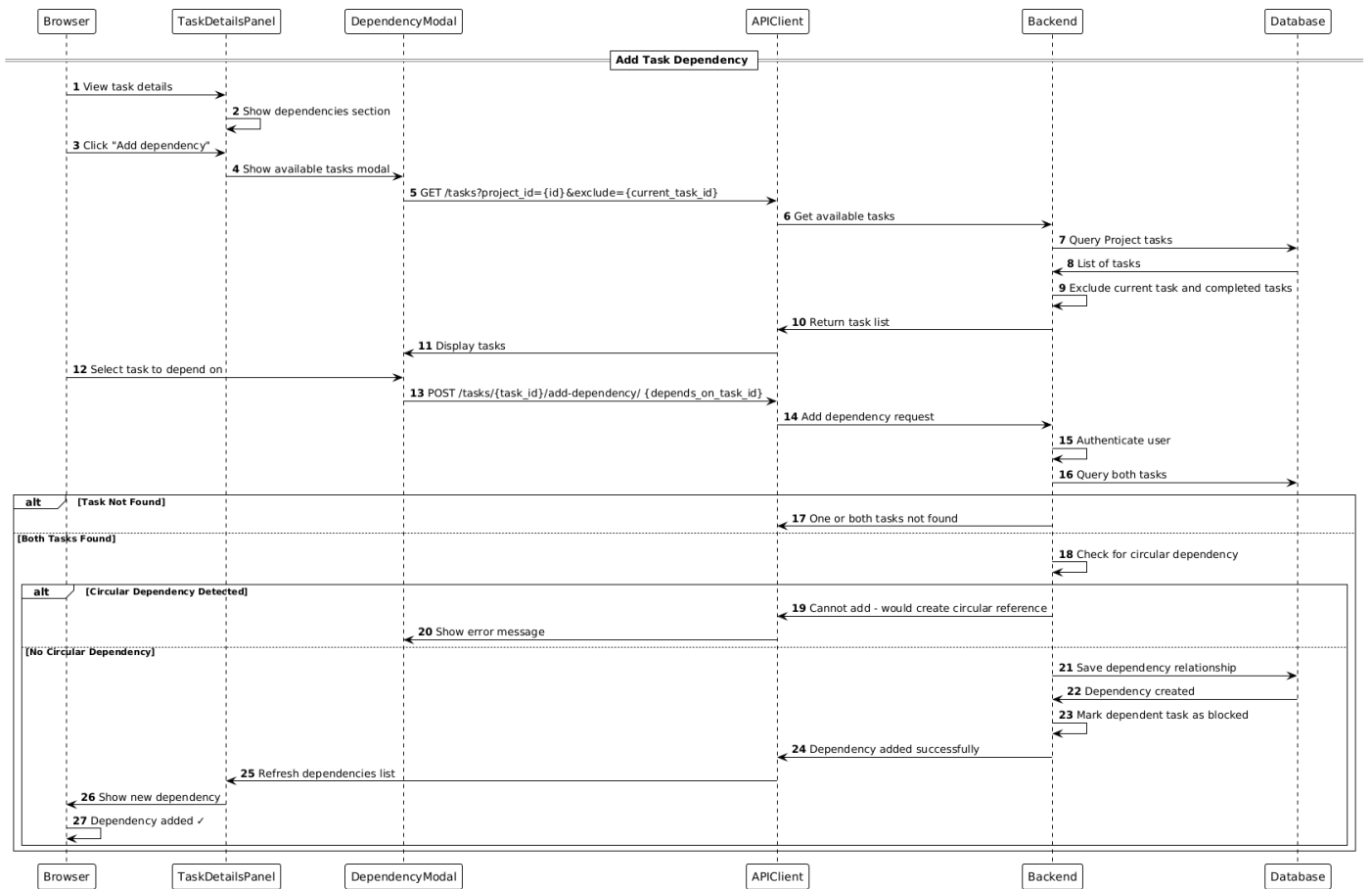
## Sprint 3– Task & File Management

- **Sprint Goal:** Enhance productivity with task tracking and file management.
- **Duration:** 1.5 week.
- **Deliverables:**
  - File sharing within chat.
  - Centralized file storage.
  - Task tracking, priorities, dependencies.
- **Key User Story:** US-1, US-2, US-3, US-4, US-5, US-10, US-13, US-15, US-16, US-17.
- **Class Diagram:**



## • Sequence Diagrams:

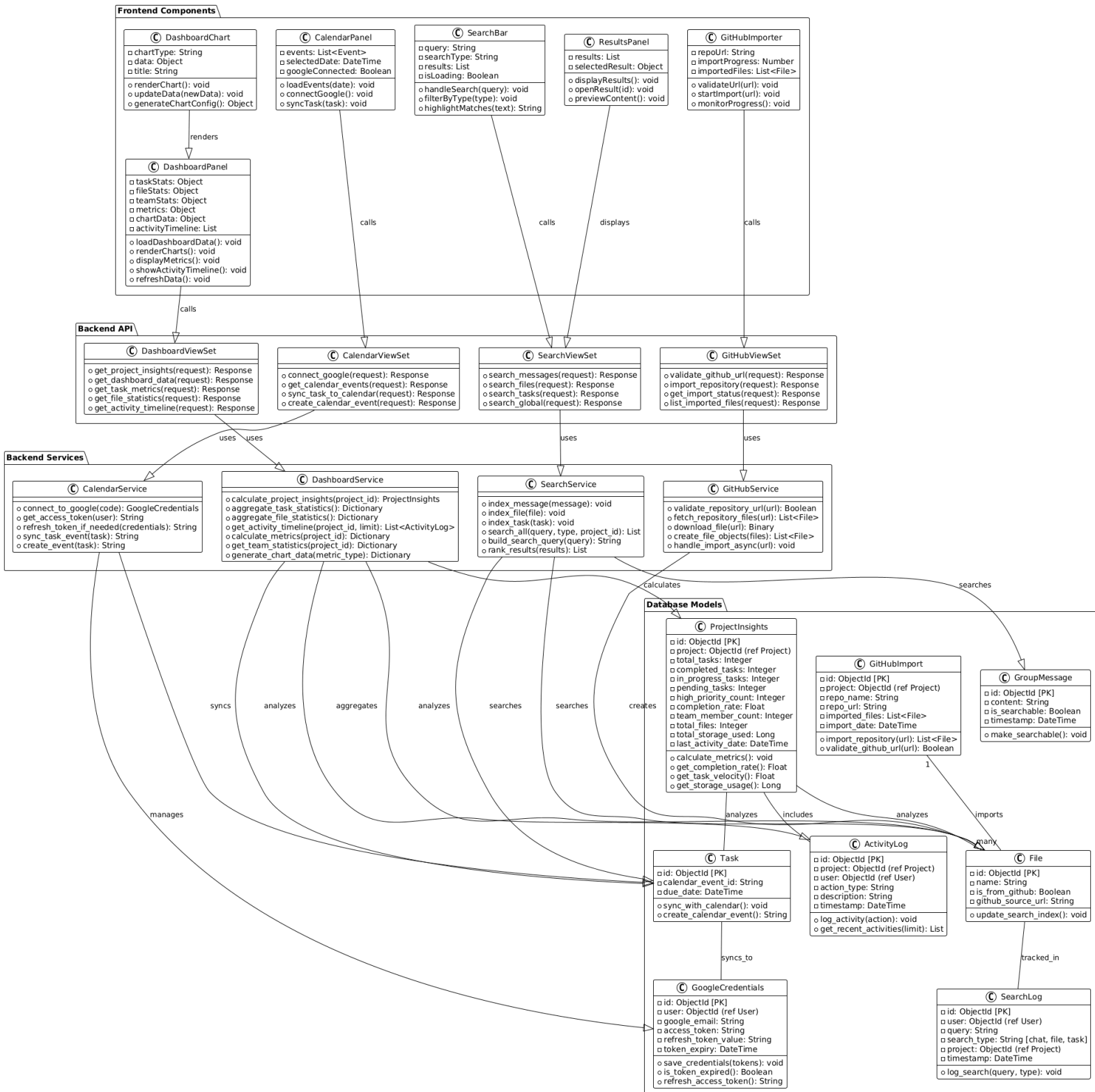




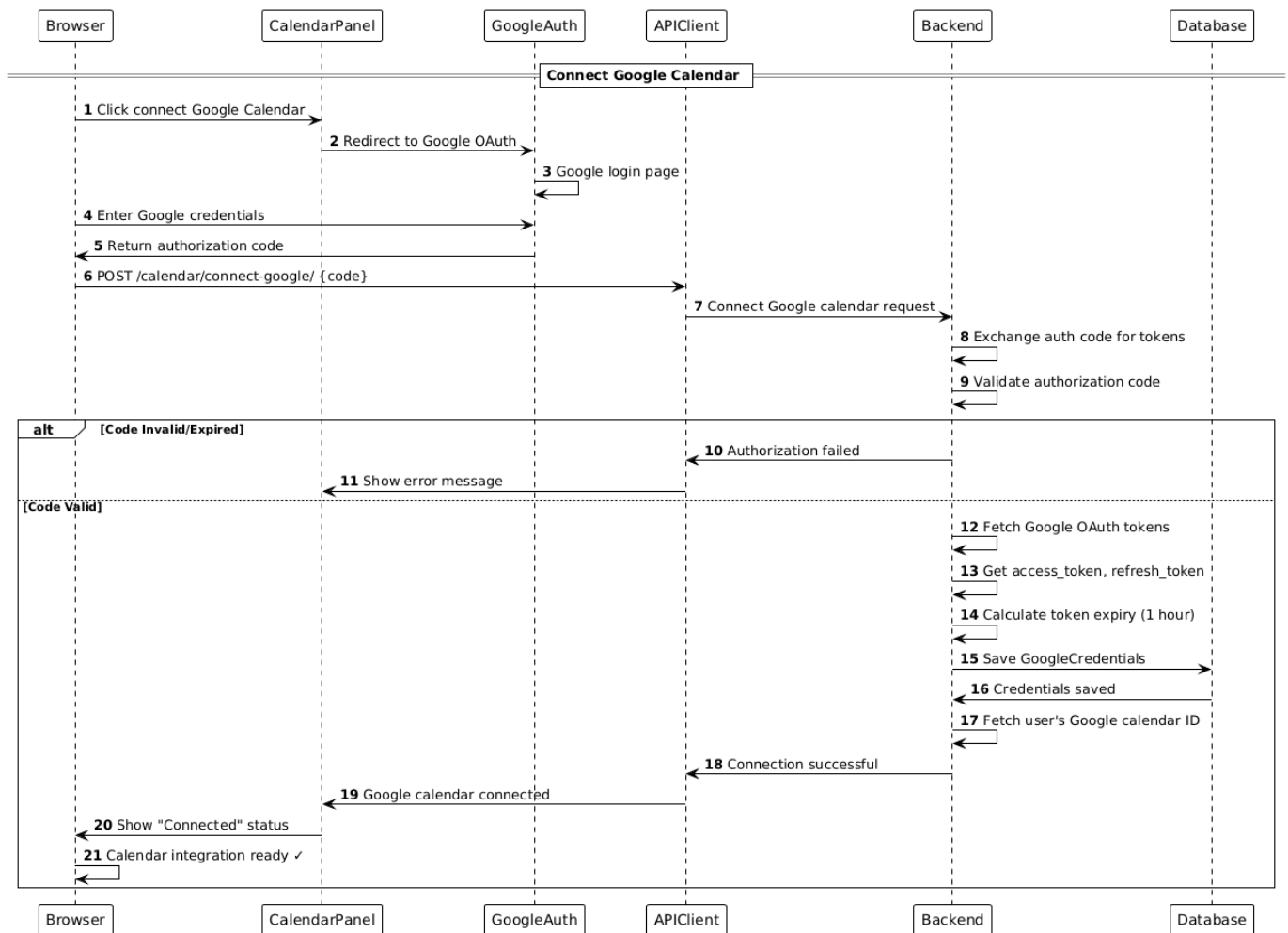
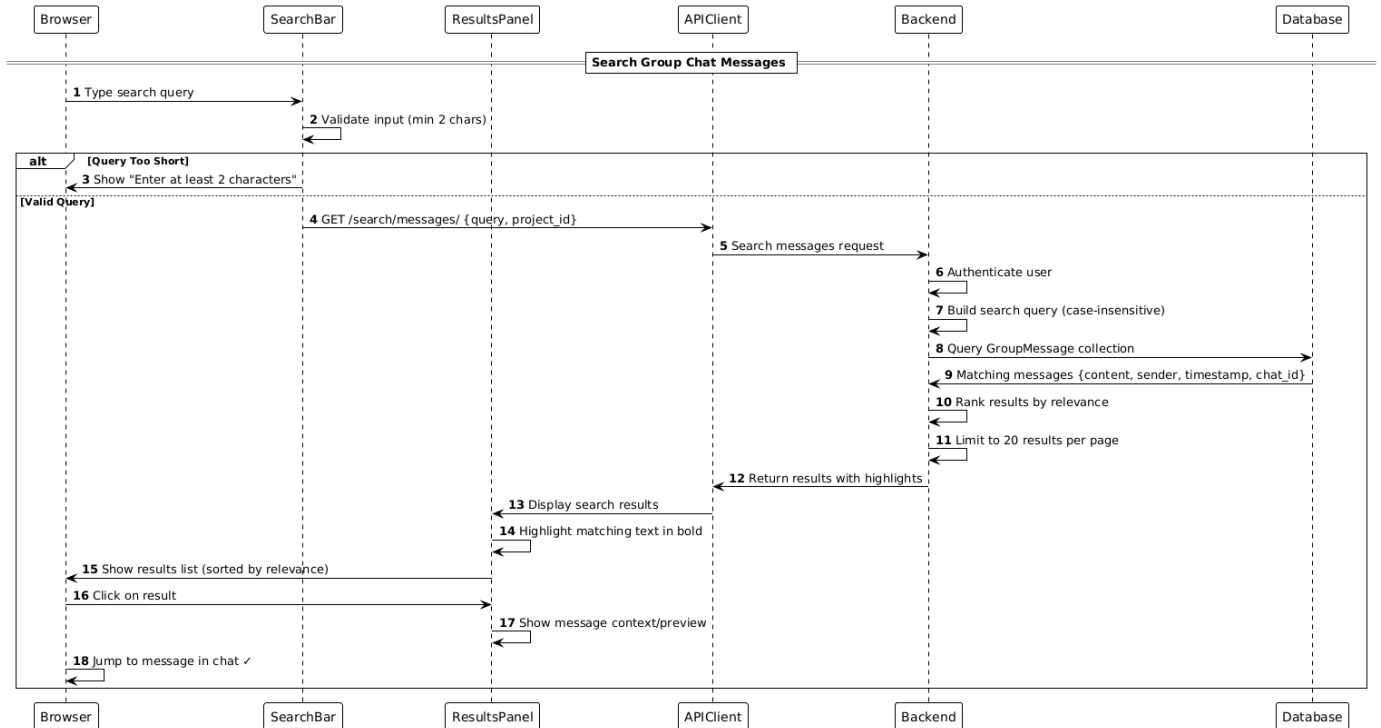
# Sprint 4– Advanced Features

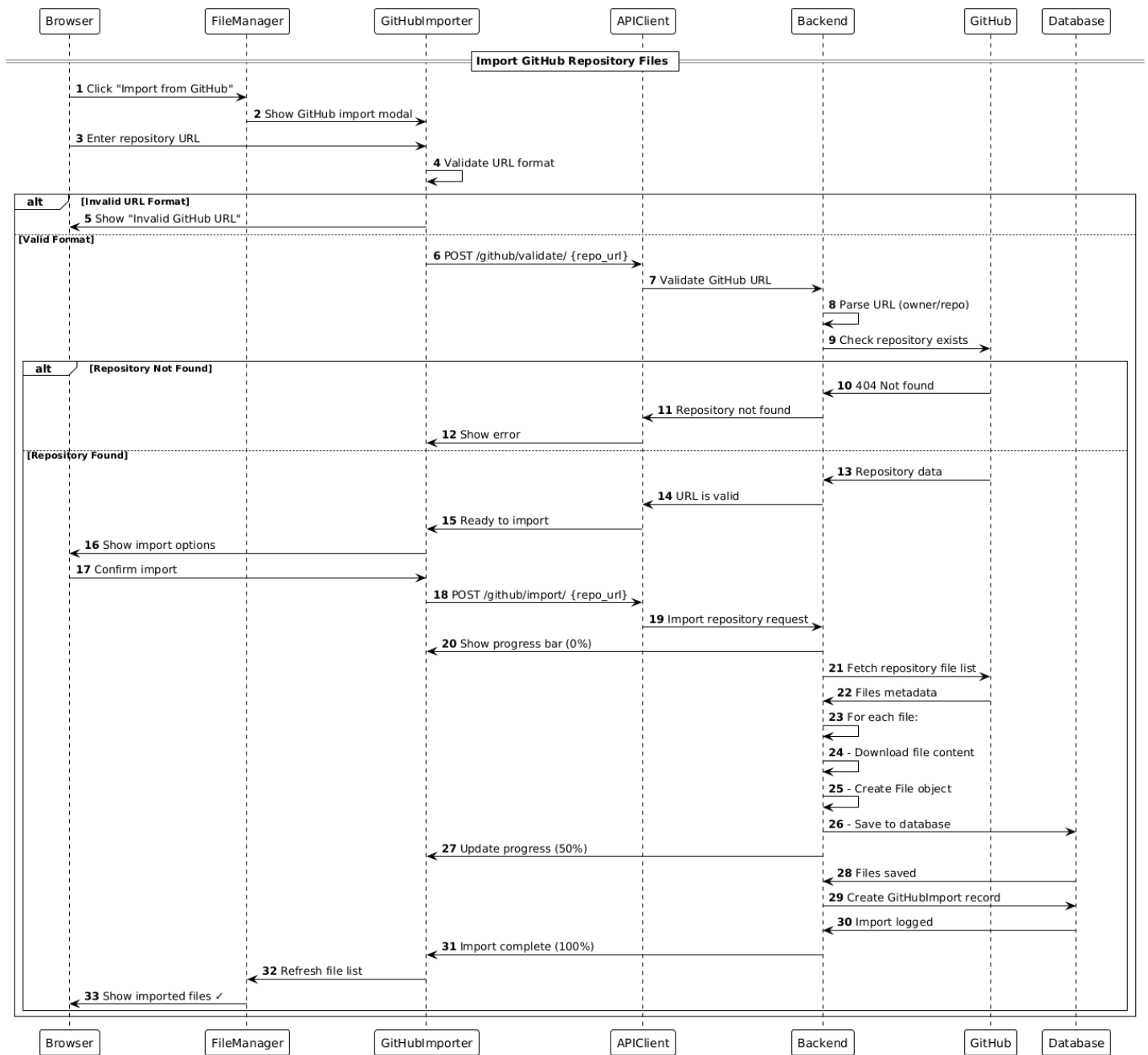
- **Sprint Goal:** Improve usability with search, integrations and project insights.
- **Duration:** 1.5 week.
- **Deliverables:**
  - Search functionality.
  - Third-party tool integrations.
  - Visual dashboard for project insights.
- **Key User Story:** US-6, US-8, US-12, US-18, US-19, US-20.

## Class Diagram:



## • Sequence Diagrams:



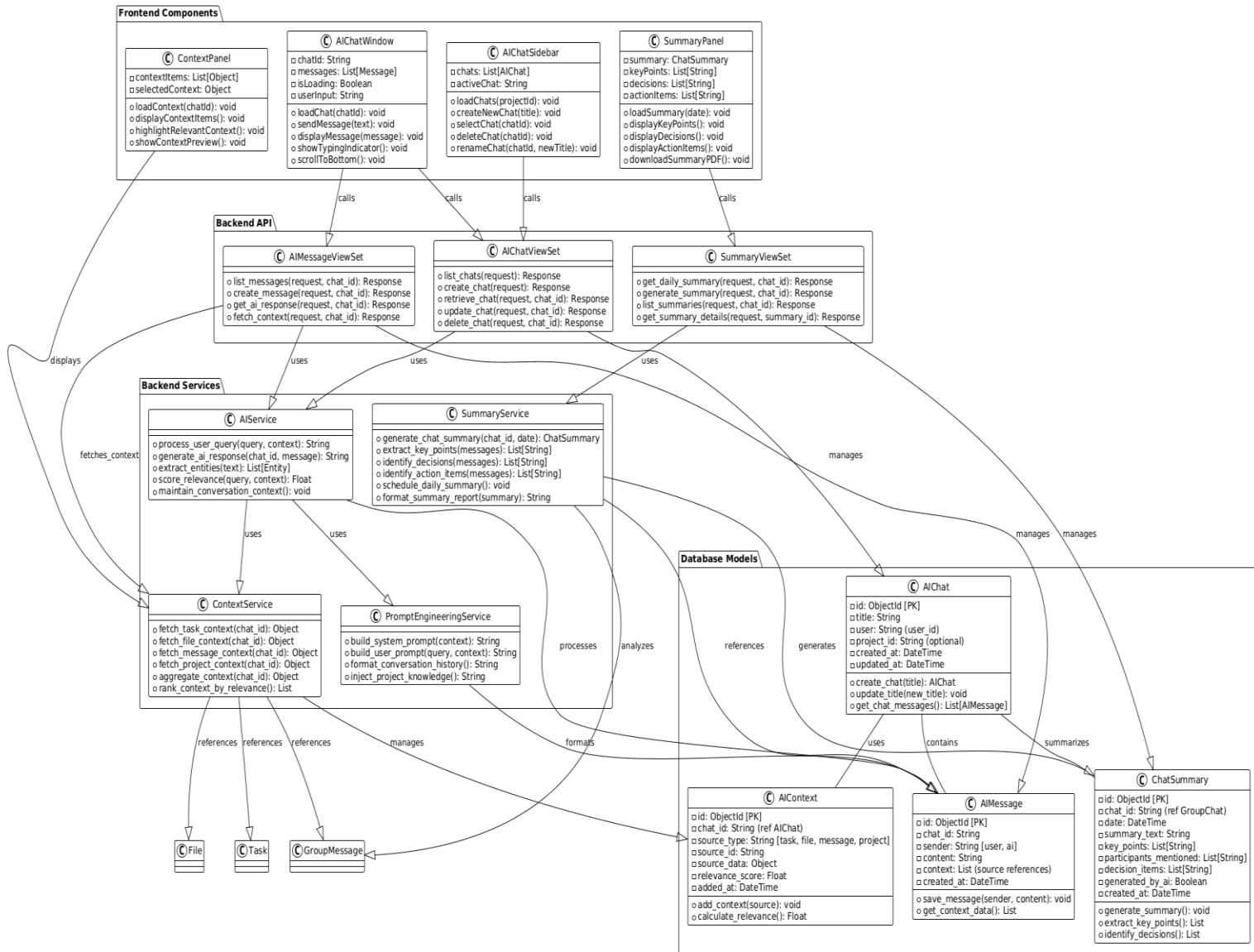




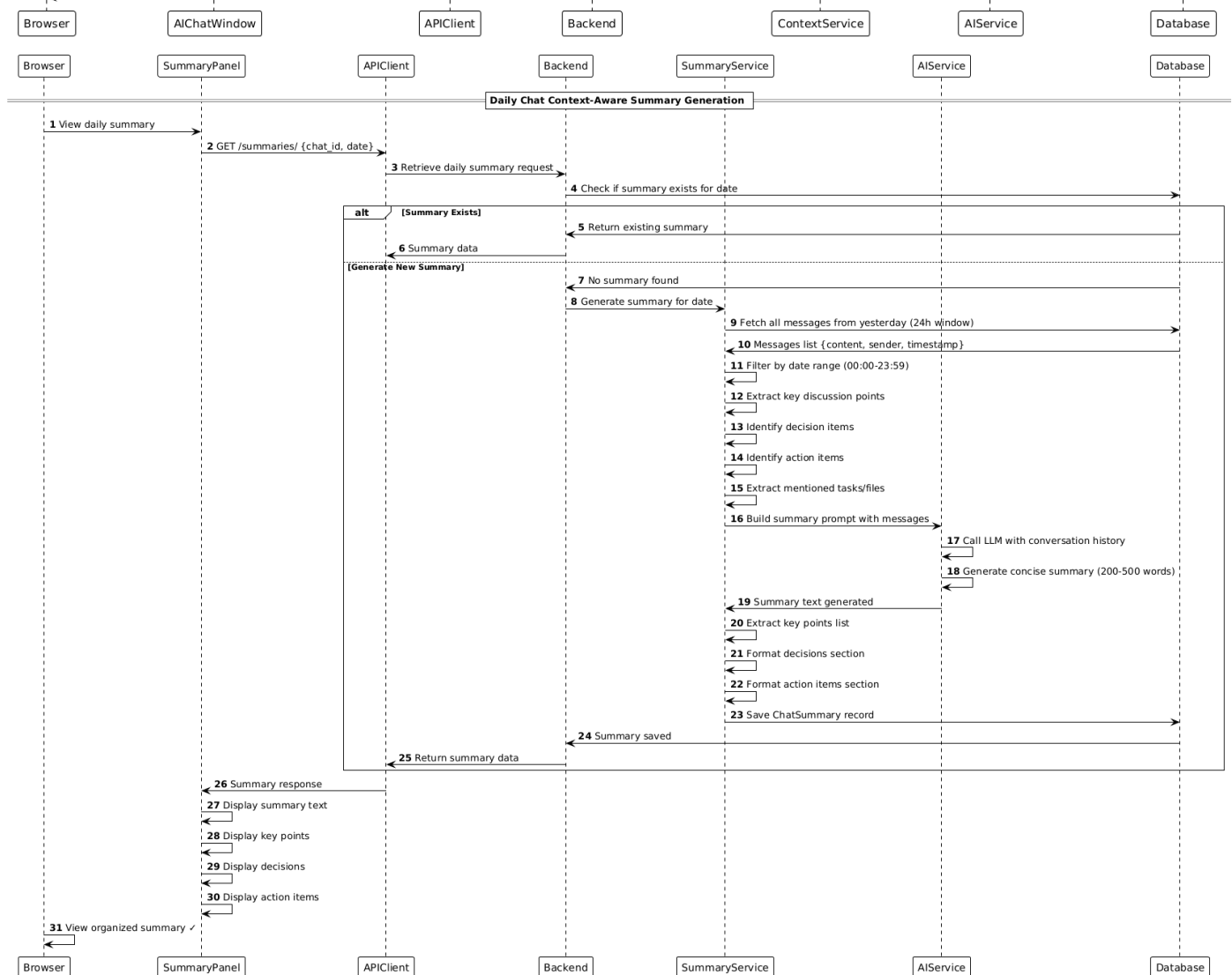
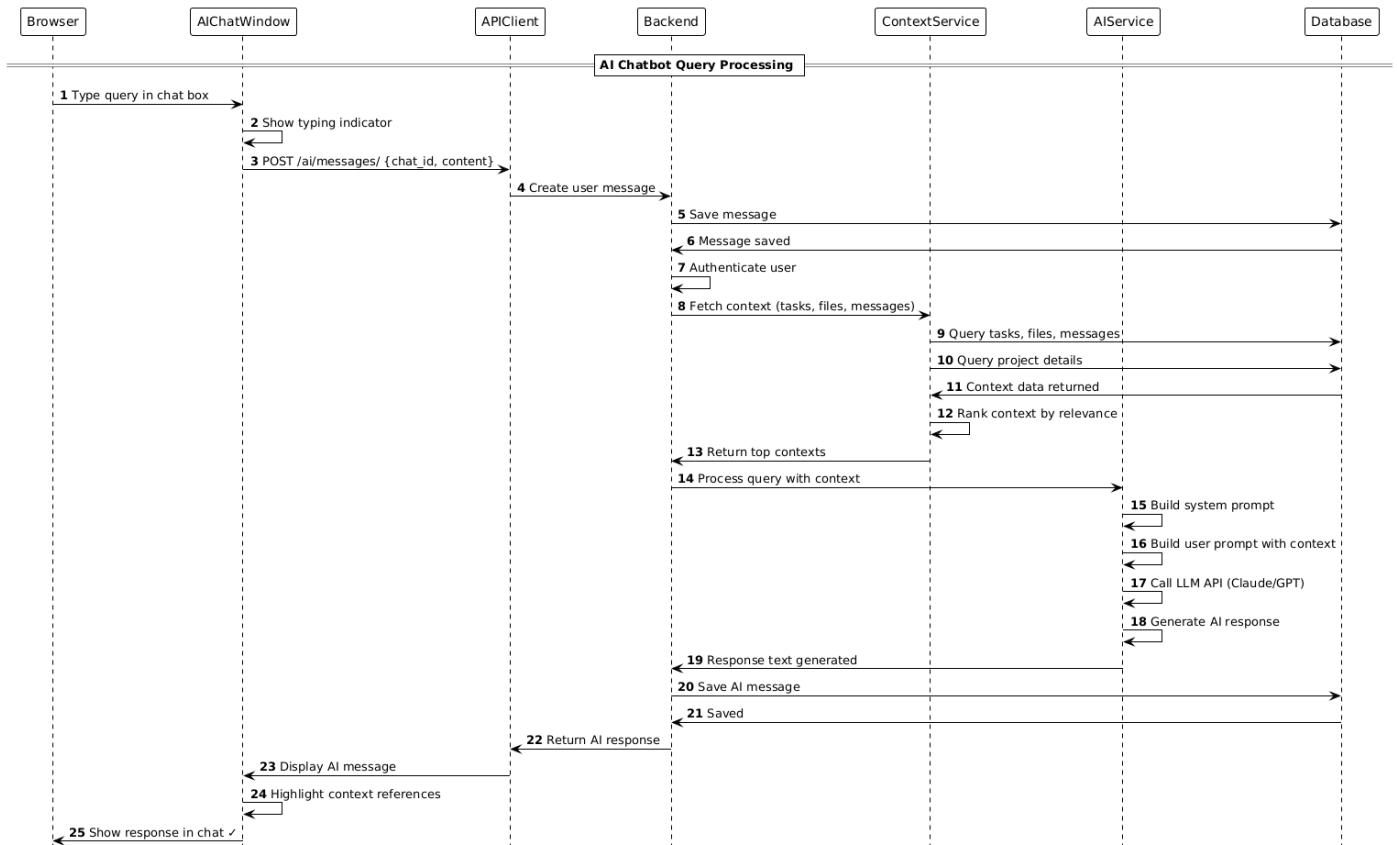
## Sprint 5- AI Assistance

- **Sprint Goal:** Provide AI driven features to save time.
- **Duration:** 1 week.
- **Deliverables:**
  - AI chatbot for user queries.
  - Daily chat context-aware summaries.
- **Key User Story:** US-11.

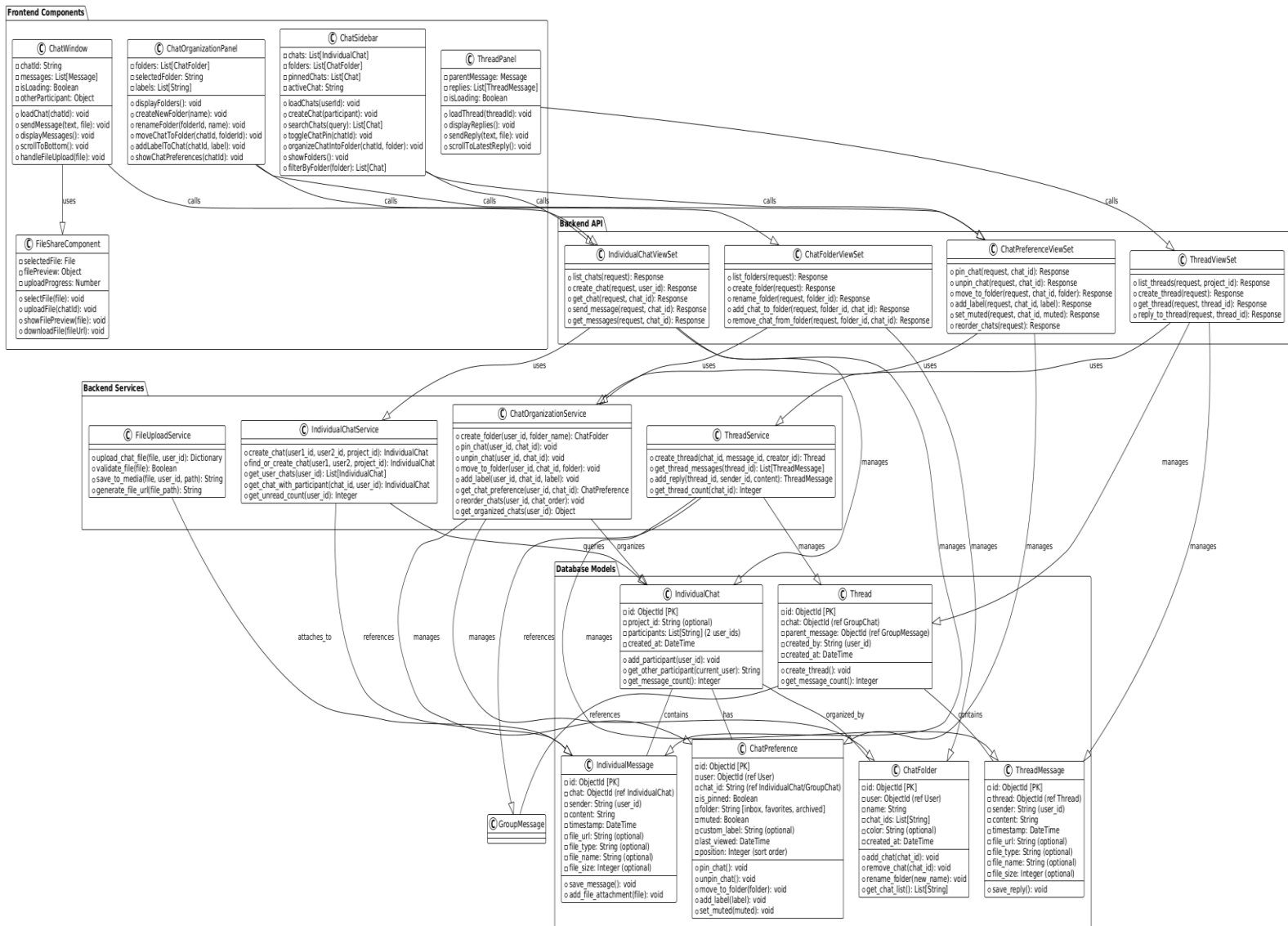
- **Class Diagram:**



## • Sequence Diagrams:



- **Sprint 6 – Custom Collaboration & Version Control**
- **Sprint Goal:** Personalize collaboration and improve version management.
- **Duration:** 1 week.
- **Deliverables:**
  - Individual chat.
  - Organizable chats.
  - Version control and rollback to previous versions.
- **Key User Story:** US-9, US-14.
- **Class Diagram:**



## • Sequence Diagram:

