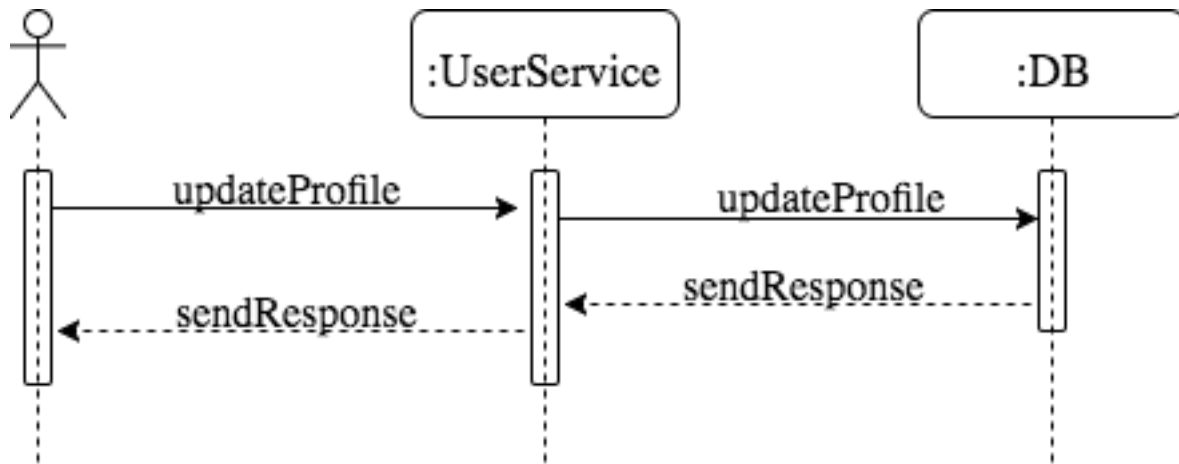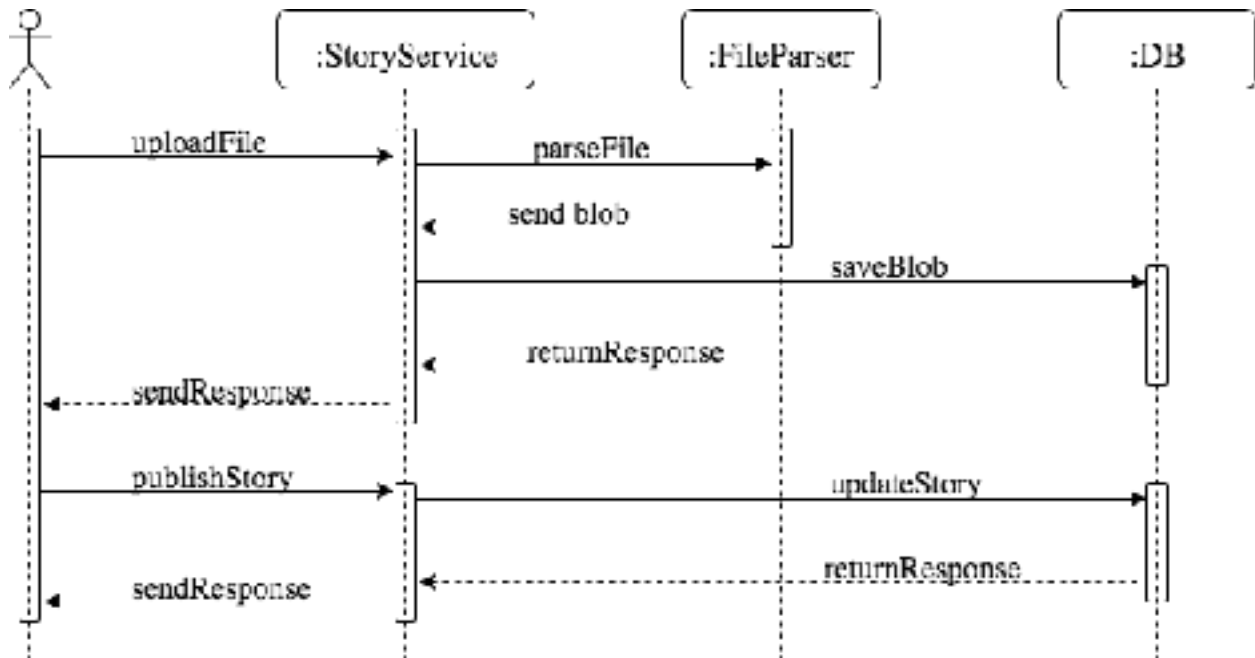# Use Cases + Sequence Diagrams

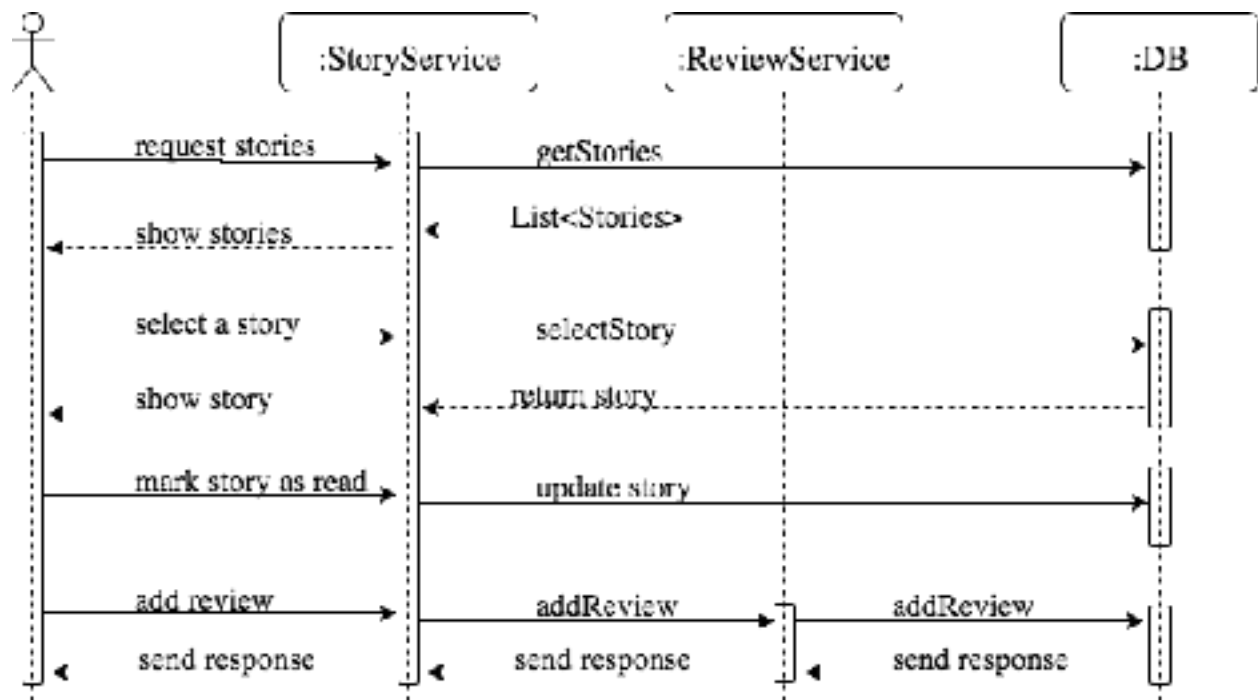1. User will request to edit his/her profile information.

updateProfile: Consists of updating fields like categories, friends, authors, and passwords.

2. A user will write/edit/upload a story. Once the user is satisfy with the story content, he will publish the story and make it available to the public.
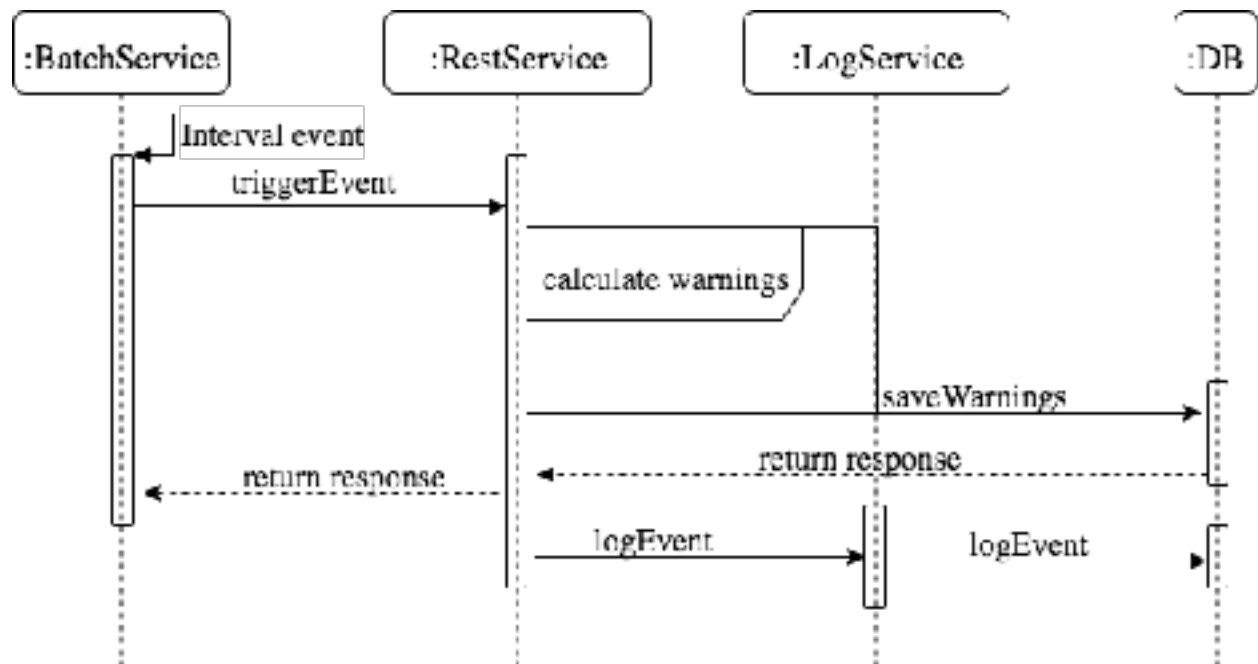

The action of uploading a file can be replaced by writing a document, (Story) from scratch. When a blob is save, it will be saved as a draft. Therefore, user will have to request to publish before making the story available to the public.

Sequence diagram:
- Actor → :StoryService: request stories; :StoryService → :DB: getStories
- :StoryService → Actor: show stories; :DB → :StoryService: List<Stories>
- Actor → :StoryService: select a story; :StoryService → :DB: selectStory
- :StoryService → Actor: show story; :DB → :StoryService: return story
- Actor → :StoryService: mark story as read; :StoryService → :DB: update story
- Actor → :StoryService: add review; :StoryService → :ReviewService: addReview; :ReviewService → :DB: addReview
- Actor ← :StoryService: send response; :StoryService ← :ReviewService: send response; :ReviewService ← :DB: send response

Sequence diagram:
- :BatchService: Interval event
- :BatchService → :RestService: triggerEvent
- :RestService: calculate warnings
- :RestService → :DB: saveWarnings
- :DB → :RestService: return response
- :RestService → :BatchService: return response
- :RestService → :LogService: logEvent; :LogService → :DB: logEvent

5. A user can send messages to any of the users on his/her friend list.
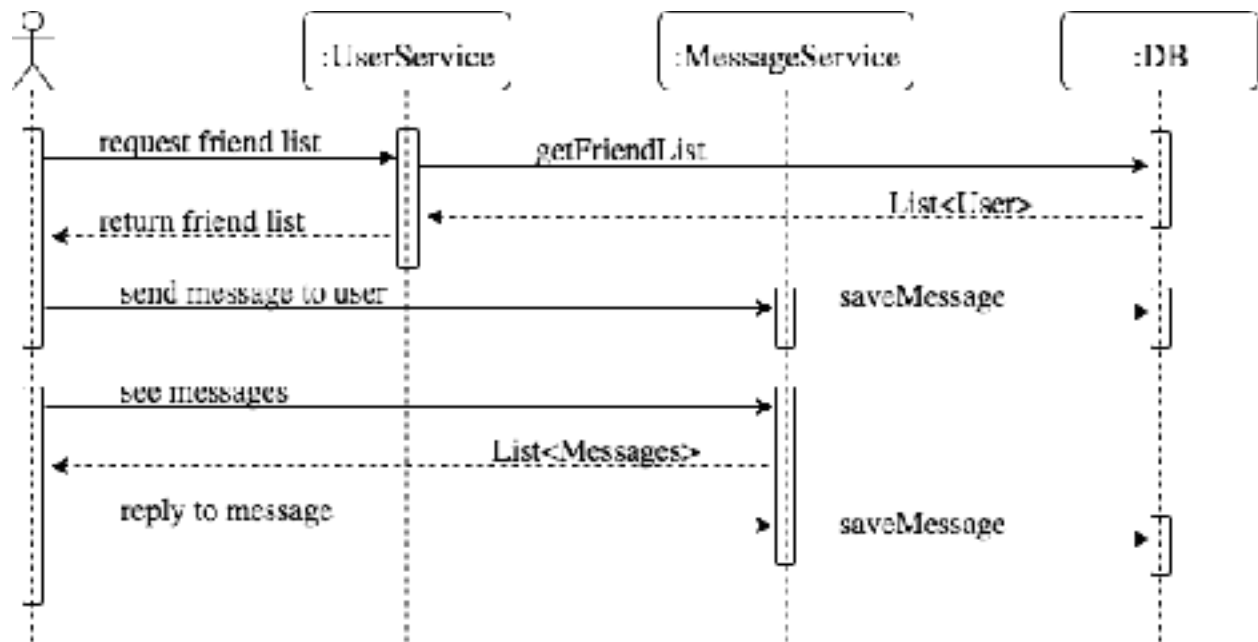
6. A user can report any bad behavior he comes across.