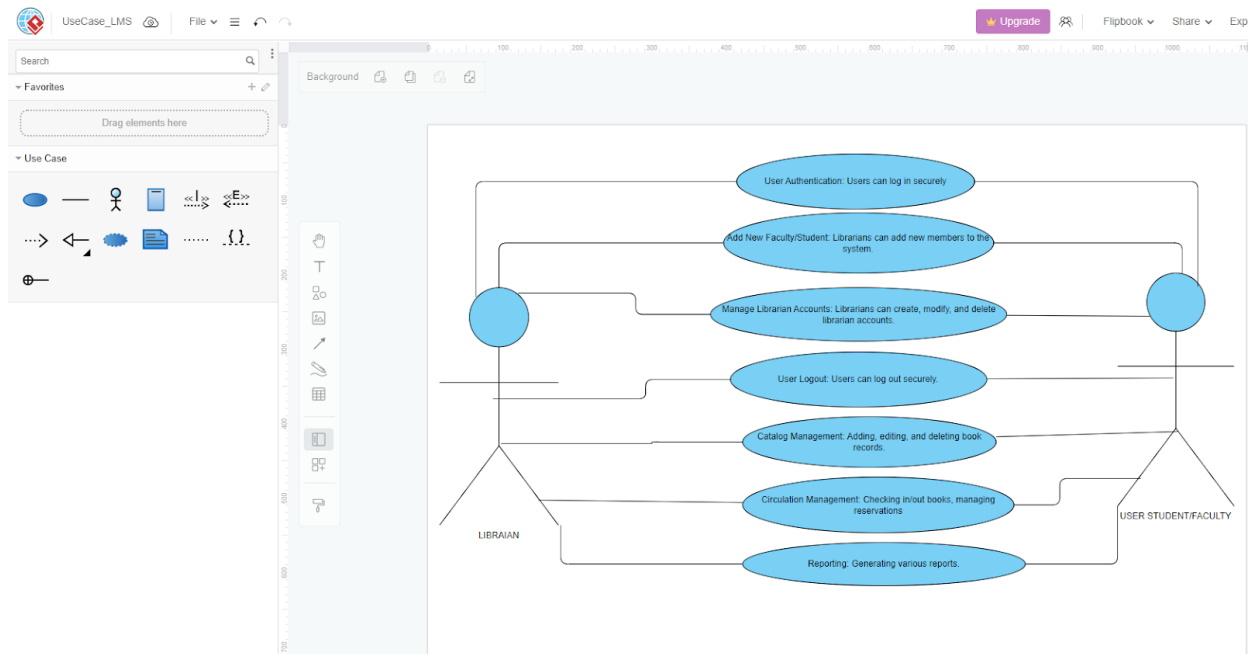


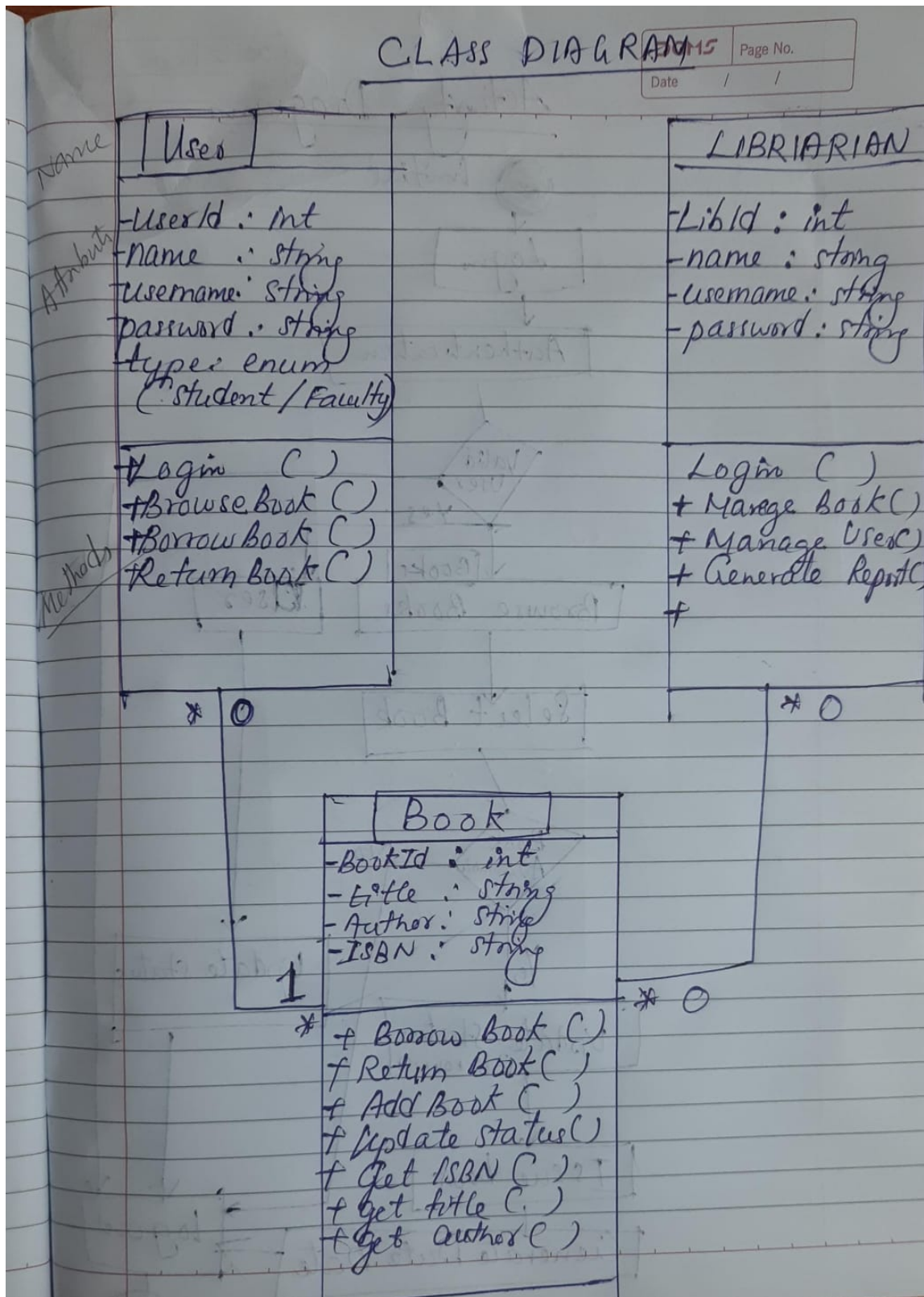
Lab Assignment 21-11-2023

Q.1 Prepare the UML diagrams for the project 'Library Management System.

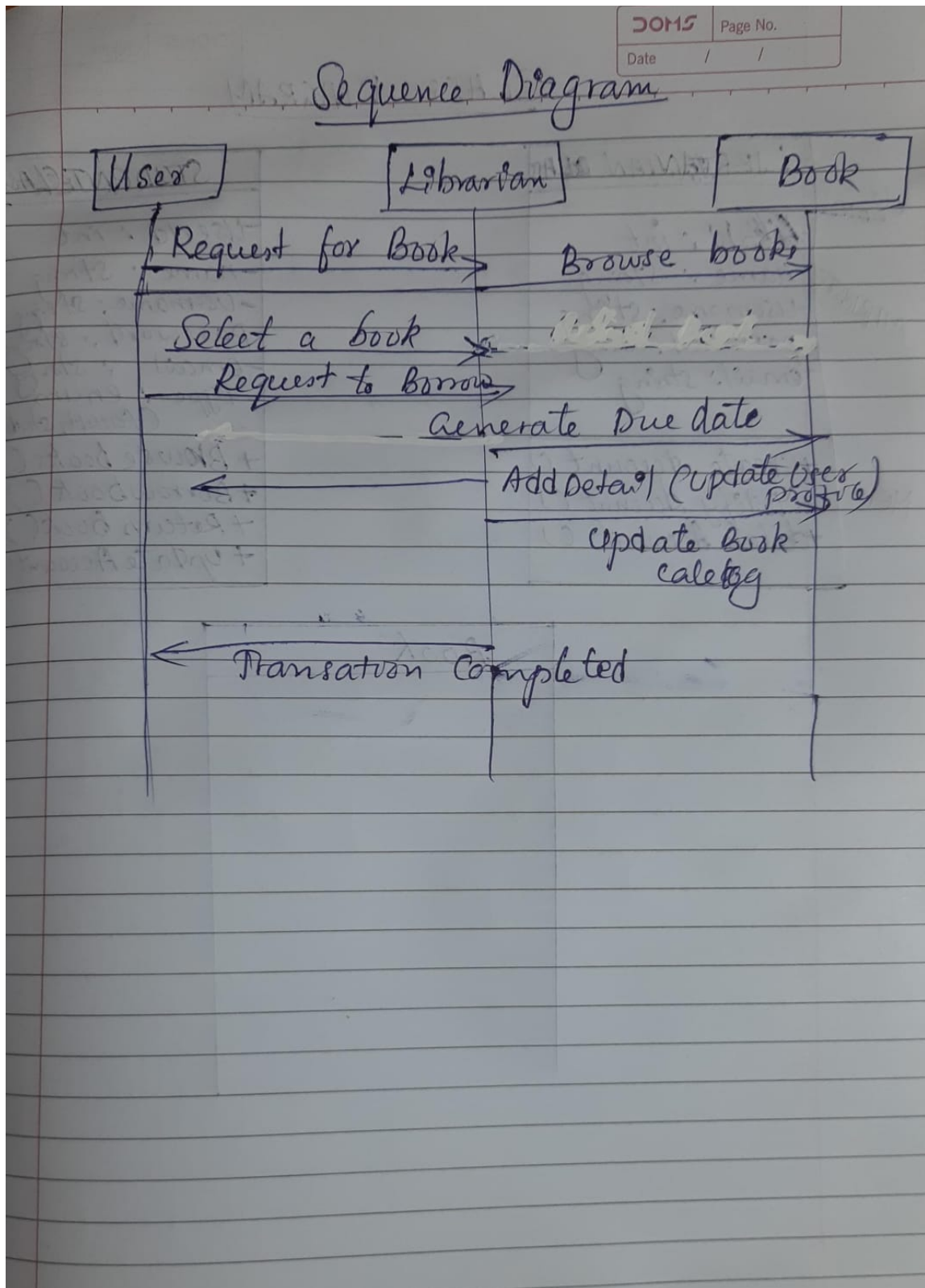
1) UseCase Diagram



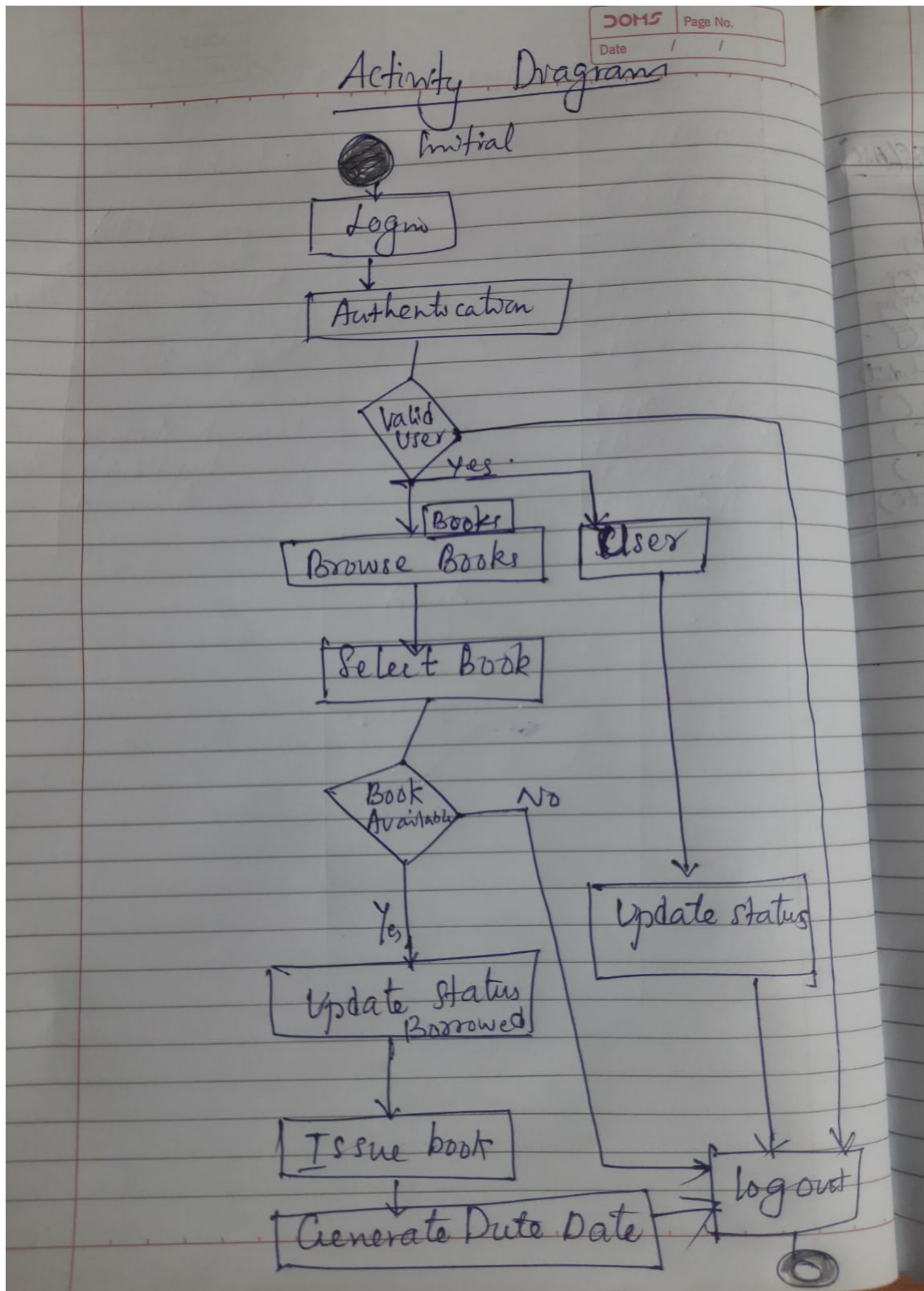
2) Class Diagram



3) Sequence Diagram



4) Activity Diagram



Q 2. Use project planning and tracking of the same using JIRA software.

The screenshot displays the Jira interface for a project named "Library Management System". The top navigation bar includes "Your work", "Projects", "Filters", "Dashboards", "Teams", "Plans", "Assets", "Apps", and a "Create" button. The left sidebar shows a list of projects under "RECENT", including "Library Management...", "ToDoList", and "Go to market sample".

The main content area shows the project board in Kanban view. The board has three columns: "TO DO" (5 items), "IN PROGRESS" (0 items), and "DONE" (0 items). The "TO DO" column contains five tasks, each with a checkbox, a title, and an assignee icon:

- Task 1: "Create, edit, and delete librarian accounts." Assignee: SH (blue circle with 'SH').
- Task 2: "Manage book copies and track their availability." Assignee: NE (blue circle with 'NE').
- Task 3: "Assign roles and permissions to librarians." Assignee: AP (red circle with 'AP').
- Task 4: "Add, edit, and delete book records with details such as title, author, ISBN, and category." Assignee: NE (blue circle with 'NE').
- Task 5: "Register and update patron information." Assignee: N (red circle with 'N').

At the bottom of the "TO DO" column is a "+ Create" button. The bottom status bar indicates "You're in a team-managed project".

