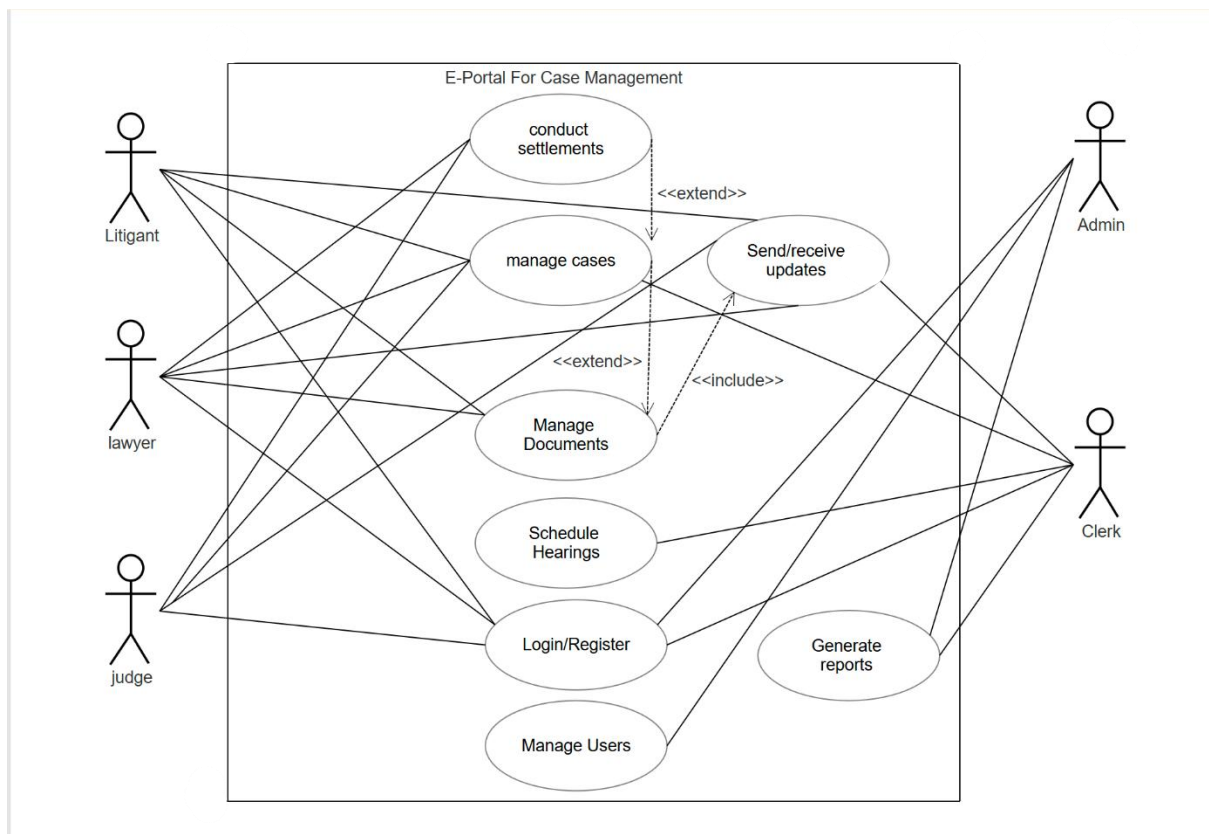2200290120001

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Section CS6A

Software Engineering Lab 03 : Draw the use case diagram and specify the role of each of the actors. Also state the precondition, post condition and function of each use case.

Actors :

1.Litigant

Manage Cases – Track case status, view details, and submit relevant information.

Send/Receive Updates – Receive notifications about case hearings, judgments, and document submissions.

Conduct Settlements – Negotiate and accept settlement proposals (optional, extends Manage Cases).

Login/Register – Create an account and authenticate using credentials

2. Lawyer

Manage Cases – Represent multiple clients, track case progress, and manage case activities.

Send/Receive Updates – Communicate with judges, clients, and other involved parties.

Manage Documents – Upload evidence, draft legal documents, and update case files (extends Manage Cases).

Conduct Settlements – Facilitate negotiations and propose settlements between parties.

Schedule Hearings – Request hearing dates and propose changes when necessary.

Login/Register – Authenticate and manage multiple client accounts.

3.**Judge**

Manage Cases – Monitor case progress, review submitted documents, and make judgments.

Send/Receive Updates – Notify involved parties about hearing dates and decisions.

Manage Documents – Approve or reject uploaded documents, ensure compliance.

Conduct Settlements – Mediate and oversee settlements between parties.

Schedule Hearings – Assign, reschedule, and manage hearing schedules.

Login/Register – Securely access the portal with authorized credentials.

4. Admin

Manage Users – Create, update, and deactivate accounts for all types of users.

Manage Documents – Monitor document submission and ensure proper categorization.

Generate Reports – Create analytical reports on case progress and system usage.

Login/Register – Control and monitor system-wide access.

Schedule Hearings – Assist in assigning judges and managing hearing schedules.

5. Clerk

Manage Documents – Verify submitted documents and ensure correct filing.

Generate Reports – Create case summaries, progress reports, and activity logs.

Send/Receive Updates – Notify concerned parties about document status and case changes.

Login/Register – Authenticate to manage clerical activities.

Relationships:

Conduct Settlements → Extends Manage Cases to include negotiation and settlement.

Manage Documents → Extends Manage Cases for document uploads, approvals, and reviews.

Send/Receive Updates → Included in Manage Cases to facilitate notifications and updates.

System Boundary Name:

E-Portal For Case Management