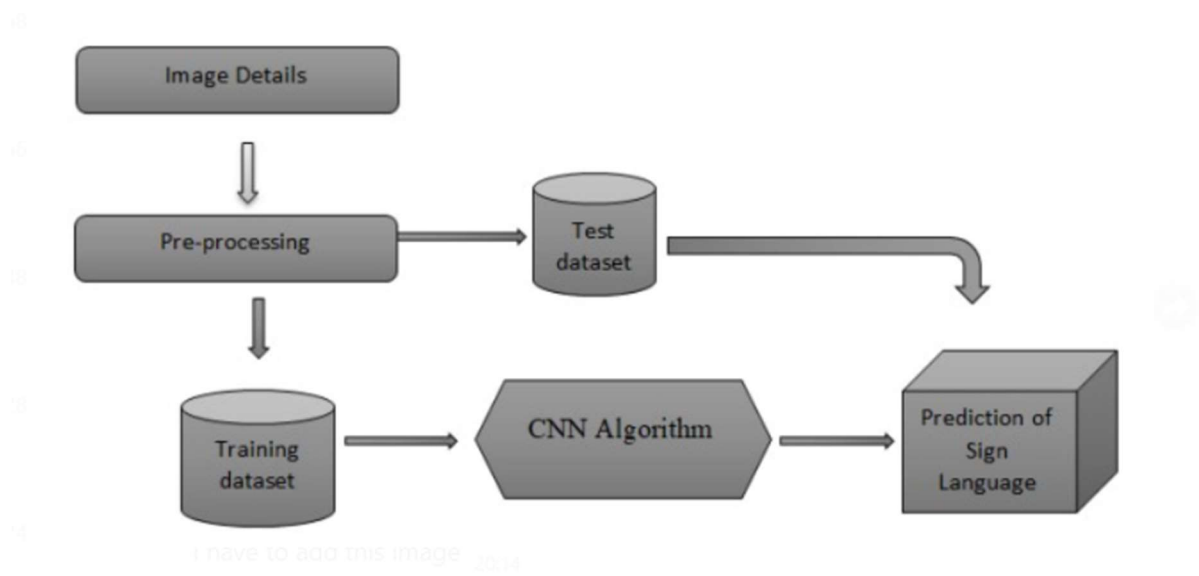


Project Design Phase

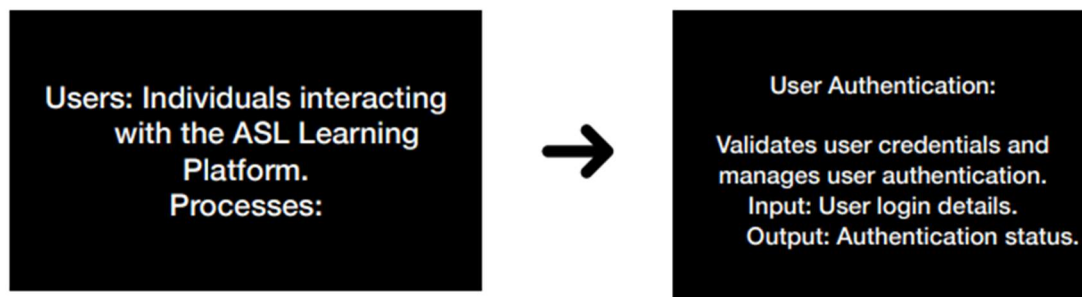
Data Flow Diagram & User Stories

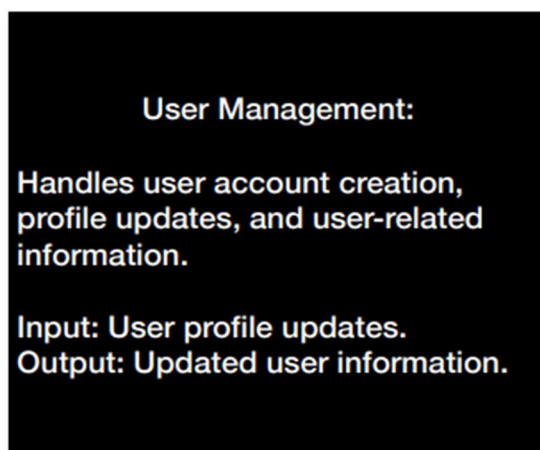
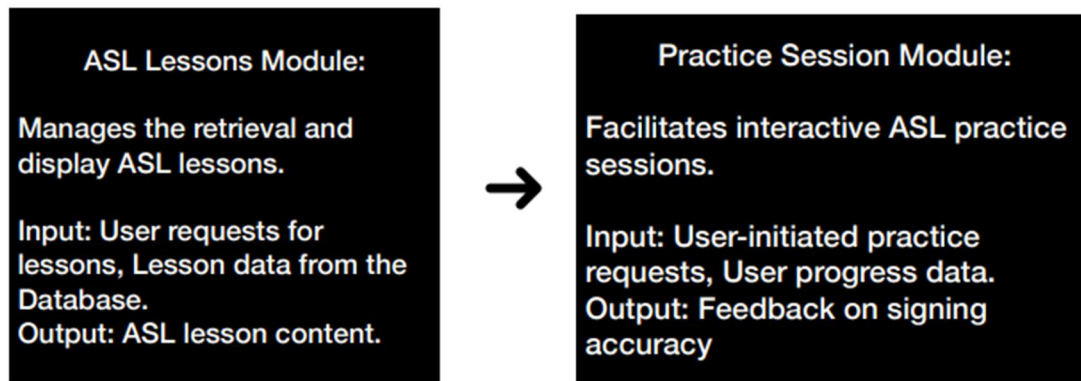
Date	10 th November 2023
Project Name	ASL- American Sign Language
Team Id	592141
Maximum Marks	4 Marks

Data Flow Diagram:



User Stories:





ASL Lesson Database: Stores ASL lesson content, including videos, images, and text.	User Progress Database: Stores user progress, completed lessons, and practice session results.	User Authentication Data: Data flow carrying user authentication details from Users to User Authentication process.	Lesson Requests: Data flow representing user requests for ASL lessons from Users to ASL Lessons Module.
Lesson Content: Data flow delivering ASL lesson content from the ASL Lesson Database to the ASL Lessons Module.	Practice Session Requests: Data flow representing user-initiated practice requests from Users to Practice Session Module.	Practice Results: Data flow conveying practice session results and feedback from the Practice Session Module to the User Progress Database.	User Updates: Data flow carrying user profile updates from Users to User Management process.
Progress Tracking: Data flow updating user progress in the User Progress Database based on completed lessons and practice sessions.	Visual-Gestural Language: ASL is a complete, complex, and natural visual-gestural language.	Grammatical Structure: Non -manual markers, including facial expressions, convey tone and grammatical features.	Cultural Significance: ASL is a vital aspect of Deaf culture.