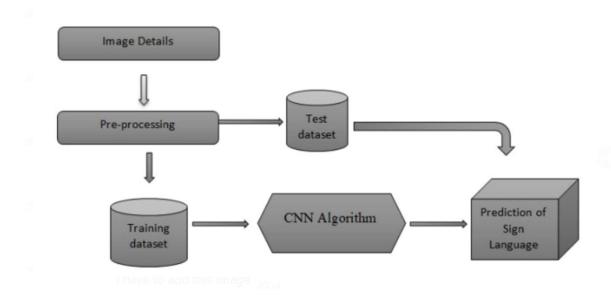
Project Design Phase

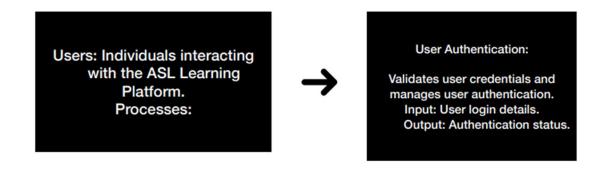
Data Flow Diagram & User Stories

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

Data Flow Diagram:



User Stories:

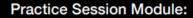


ASL Lessons Module:

Manages the retrieval and display ASL lessons.

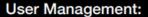
Input: User requests for lessons, Lesson data from the Database.

Output: ASL lesson content.



Facilitates interactive ASL practice sessions.

Input: User-initiated practice requests, User progress data. Output: Feedback on signing accuracy



Handles user account creation, profile updates, and user-related information.

Input: User profile updates.
Output: Updated user information.

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