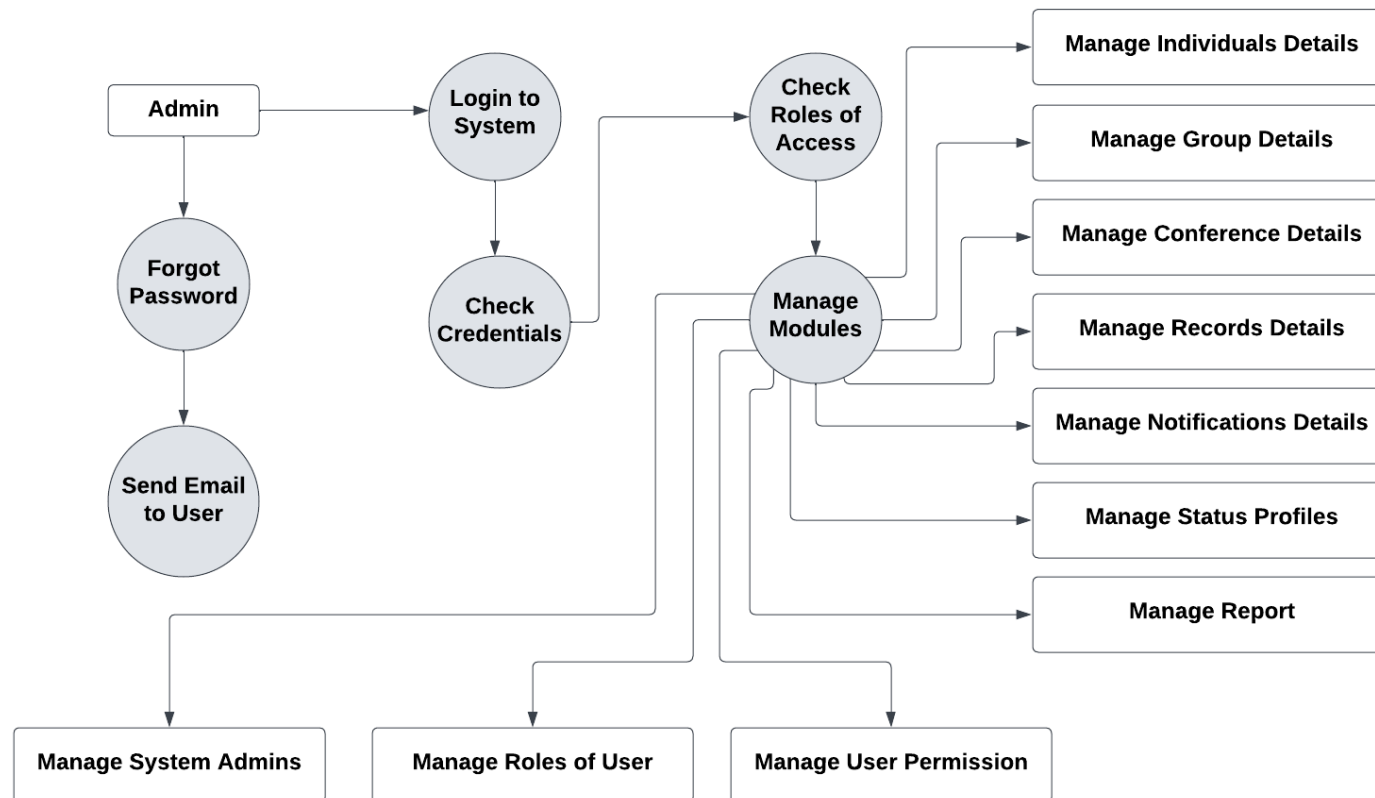


Project Design Phase Data Flow Diagram & User Stories

Date	22 October 2023
Team ID	Team-590960
Project Name	Chatconnect - A Real-Time Chat And Communication App
Maximum Marks	4 Marks

Data Flow Diagram:



User Stories

User Type	Functional Requirement (Epic)	User Story Number	User Story / Task	Acceptance criteria	Priority	Release
Regular User	Chat Messaging	USN-1	As a regular user, I want to send text messages to my contacts.	I can select a contact, I can type a message, I can send the message.	High	1.0
	Multimedia Sharing	USN-2	As a regular user, I want to share images and videos in chat conversations.	I can select images or videos from my device. I can send these multimedia files to my contacts. My contacts can view the shared multimedia within the chat.	High	1.0
	Notifications	USN-3	As a regular user, I want to receive real-time notifications for new messages.	I receive a push notification when I receive a new message. The app displays a badge or alert for unread messages. I can customize notification preferences (e.g., sound, vibration).	High	1.0
	Message Search	USN-4	As a regular user, I want to search for specific messages within my chat history.	I can enter keywords in the search bar. The app displays search results with relevant messages. I can tap on a message in the search results to view the full conversation.	Medium	1.0
	Emojis and Stickers	USN-5	As a regular user, I want to be able to use emojis and stickers in my messages.	I have access to a library of emojis and stickers. I can easily add them to my messages during a chat. Emojis and stickers	Medium	1.0

				are displayed in the conversation.		
Group Chat Moderator	Group Chat Management	USN-6	As a group chat moderator, I want to be able to add and remove members from the group.	I can add a user to the group. I can remove a user from the group. Removed users can no longer access the group chat.	High	1.0
Admin	User Management	USN-7	As an admin, I want to be able to ban or unban users from the app.	I can ban a user account. Banned users can't log in or use the app. I can unban a user if needed.	High	1.0
New User	Onboarding	USN-8	As a new user, I want to create an account easily.	I can sign up using my email or phone number. Password reset options are available.	High	1.0