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Project: AFCA Chat

Requirements:

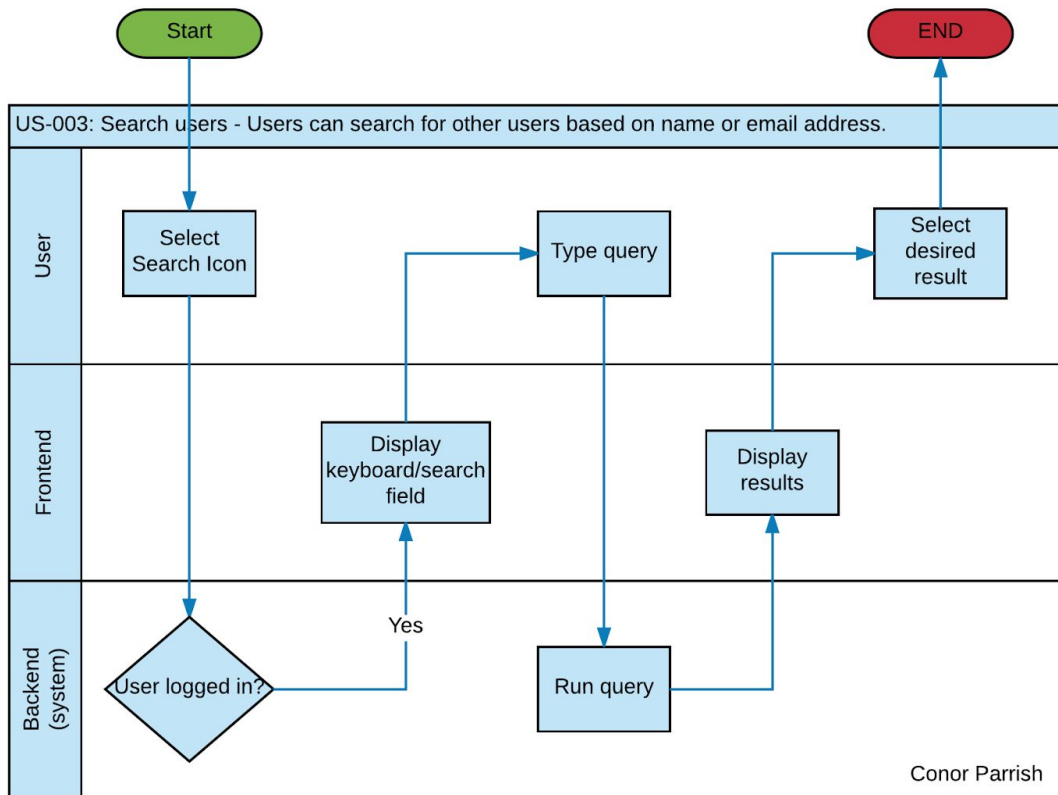| Requirement ID #	Description
US-003	As a user, I need to be able to search for other users
US-006	As a system admin, I need to be able to view server storage data
US-010	As a user, I need to be able to create a group chat

Use Case Documents:

Use Case ID:	US-003		
Use Case Name:	Search users		
Description:	Users can search for other users based on name or email address.		
Actors:	User		
Pre-conditions:	User has created an account and logged in.		
Post-conditions:	User sees search results.		
Frequency of Use:	Every time a user adds a new contact.		
Flow of Events:		**Actor Action**	**System Response**
	1	Select search icon.	App displays search field with keyboard.
	2	Type query.	App displays results.
Variations:	Query returns no results.		
Developer Notes:			

Use Case ID:	US-006
Use Case Name:	View server storage data
Description:	Admins can view server storage data.
Actors:	Admin
Pre-conditions:	Admin has established administrative access.
Post-conditions:	Admin sees server storage data.
Frequency of Use:	Weekly by admins

Flow of Events:		Actor Action	System Response
	1	Select Database in admin panel.	Password is required.
	2	Type password.	Stored data is displayed.

Variations:	No data is currently stored on the server.
Developer Notes:	

Use Case ID:	US-010
Use Case Name:	Create a group chat
Description:	Users can create conversations with multiple other users.
Actors:	User
Pre-conditions:	User has created an account and logged in.
Post-conditions:	User can send and receive messages to multiple others.
Frequency of Use:	Several times a month

Flow of Events:		Actor Action	System Response
	1	Select new chat icon.	App displays field to add other users.
	2	Add other users.	New thread is created.

Variations:	User only has one other friend.
Developer Notes:	

Activity Diagram:

User Interactions:

US-003: Search users - Users can seach for other users based on name or email address

User   :SearchIcon   :Server

selectSearch()

lookupUser(query)

results

display(results)

results