FUNCTIONAL REQUIREMENTS SPECIFICATION

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Course & Year: BSIT – 3

Section: G5

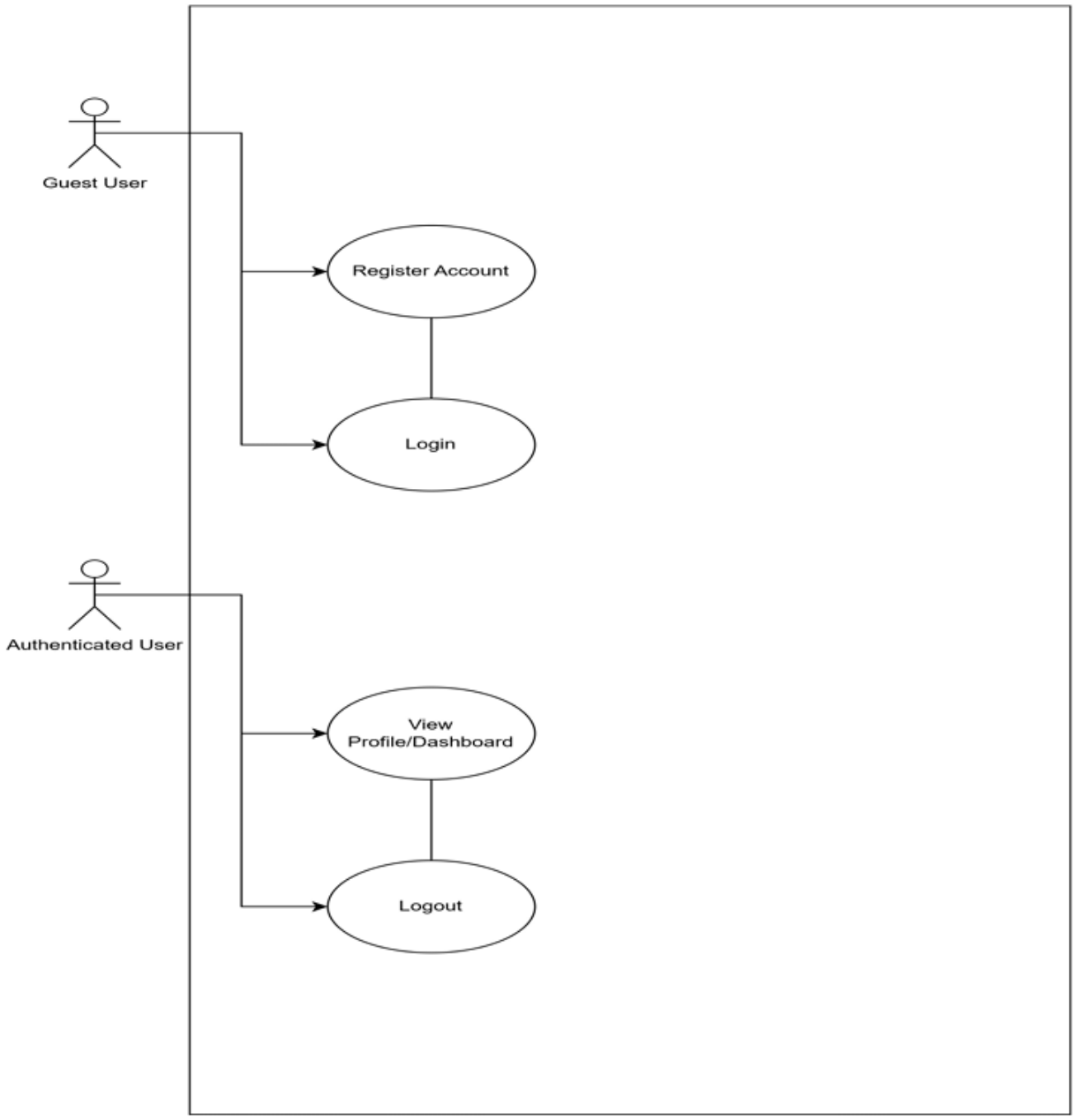
Subject: IT342 (Systems Integration and Architecture 1)

ERD

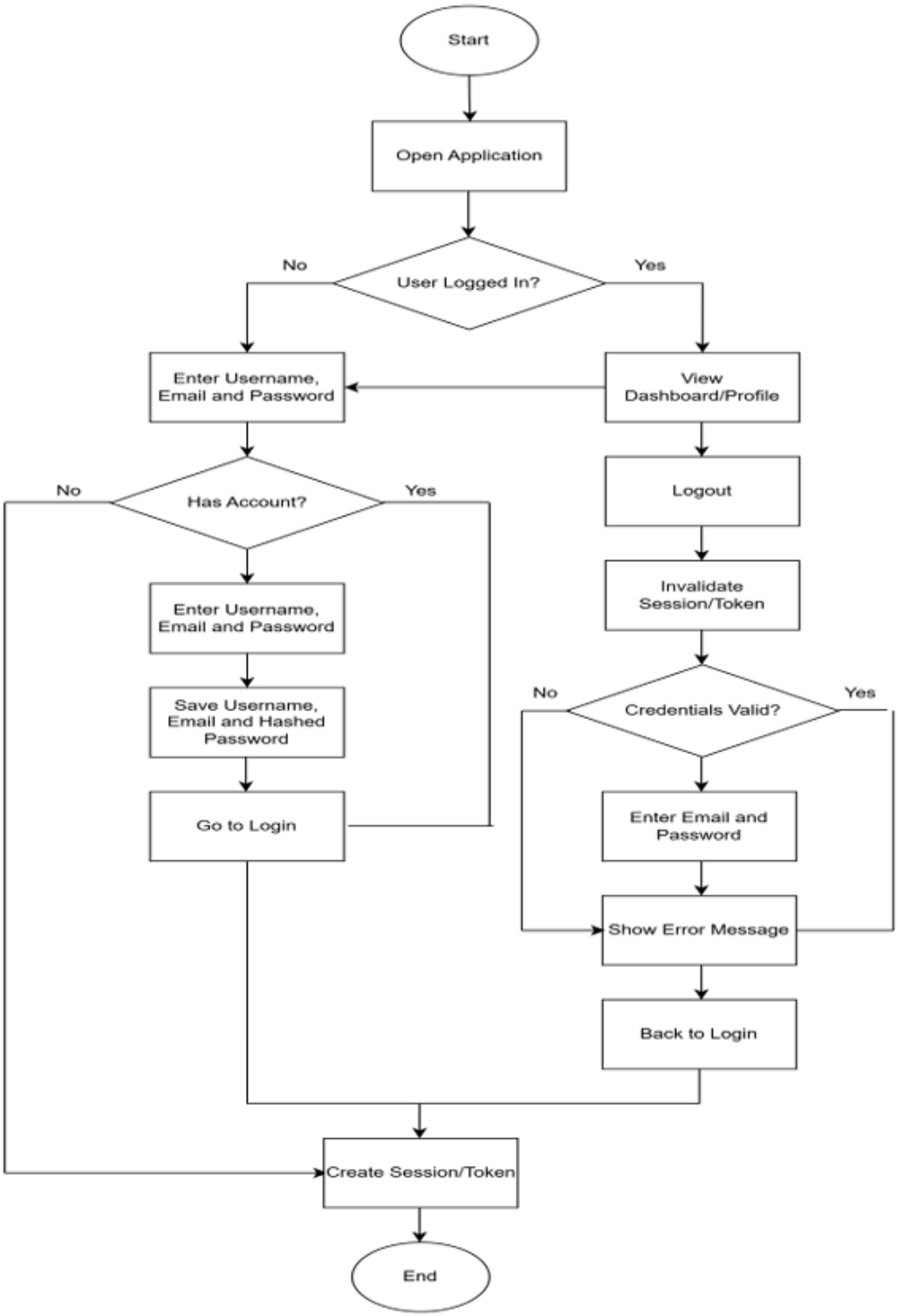
Table	
PK	**ID**
varchar (50)	username
varchar (100)	email
varchar (255)	password
varchar (255)	profile_image
DATETIME	created_at
DATETIME	updated_at

UML DIAGRAMS

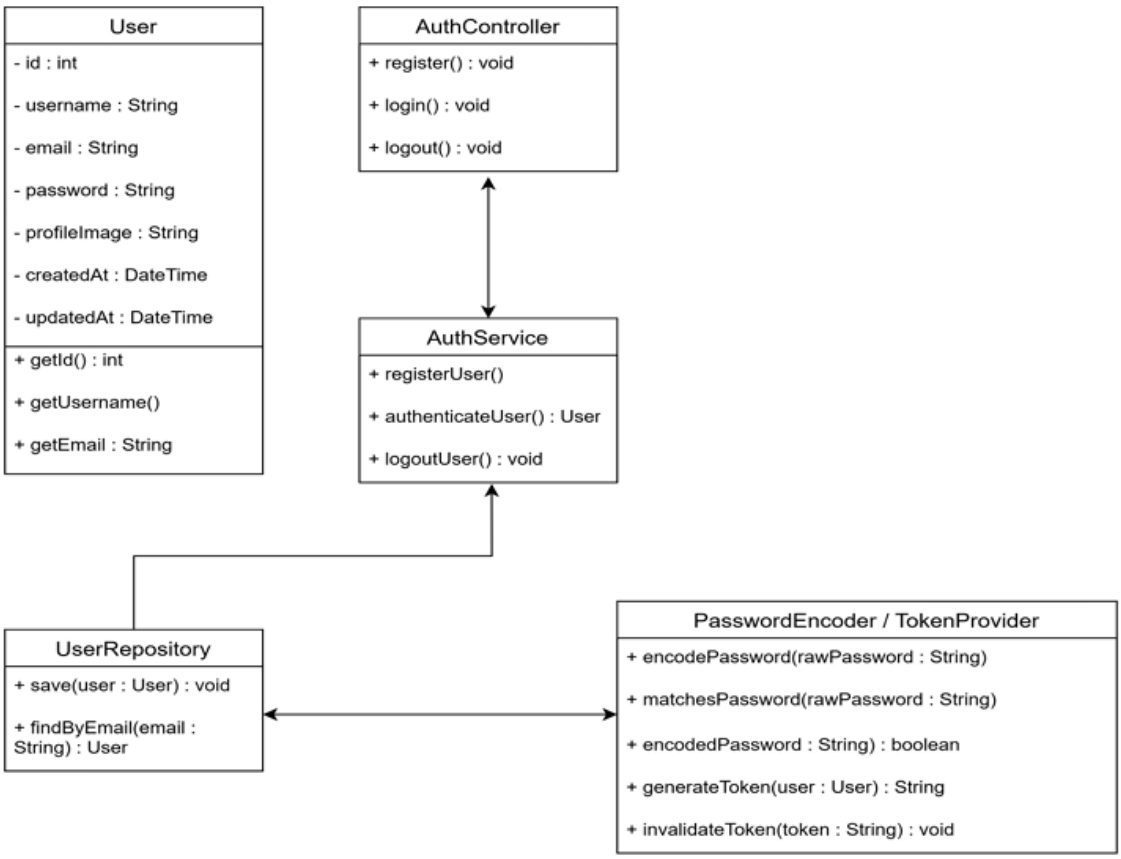
- Use Case Diagram



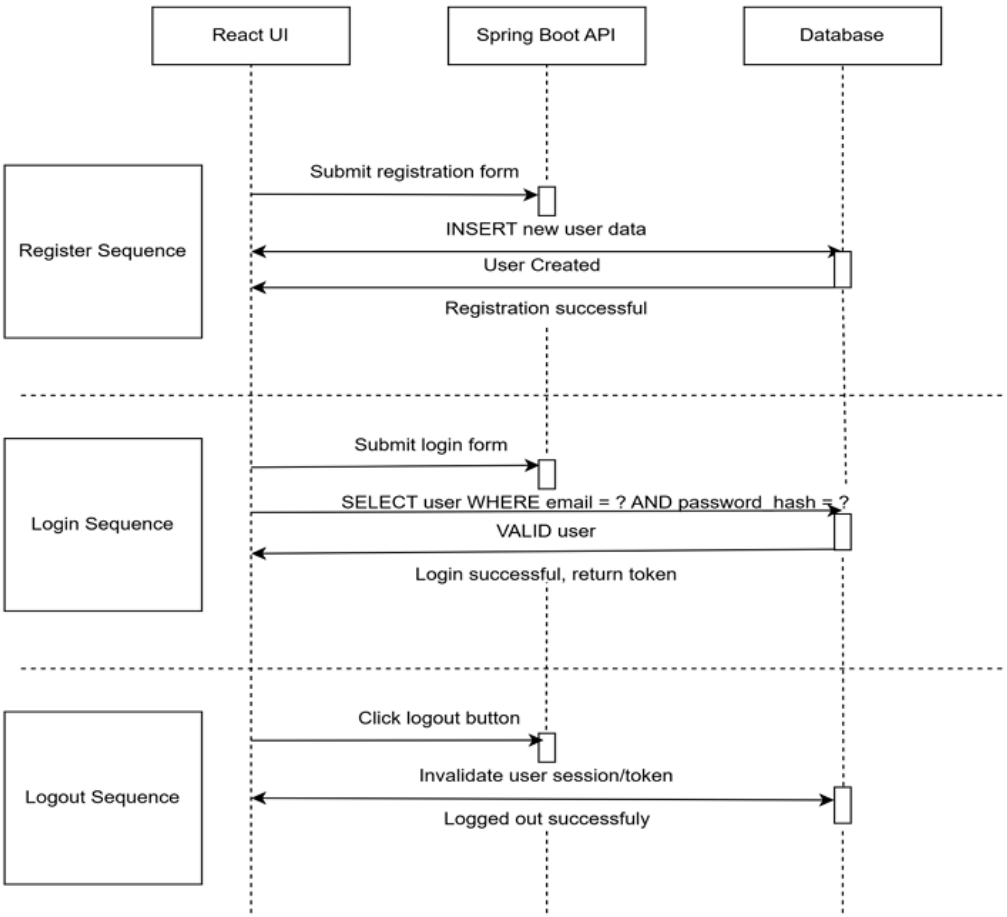
- Activity Diagram



- Class Diagram

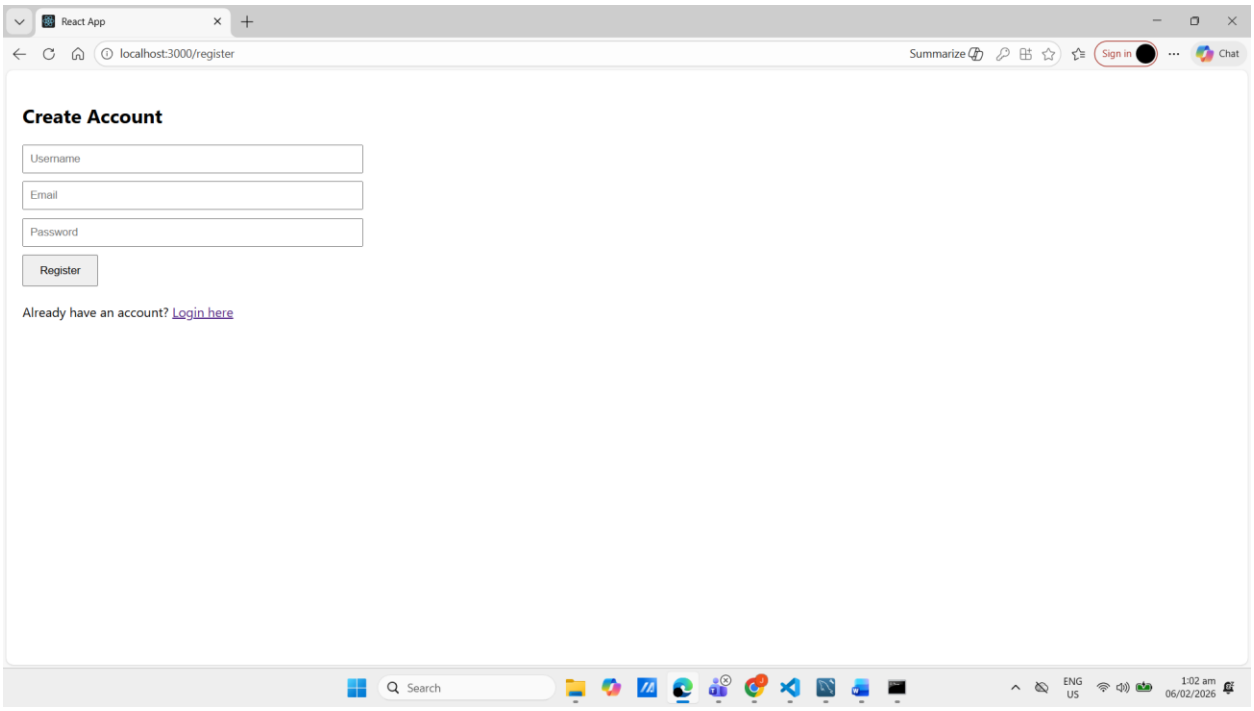


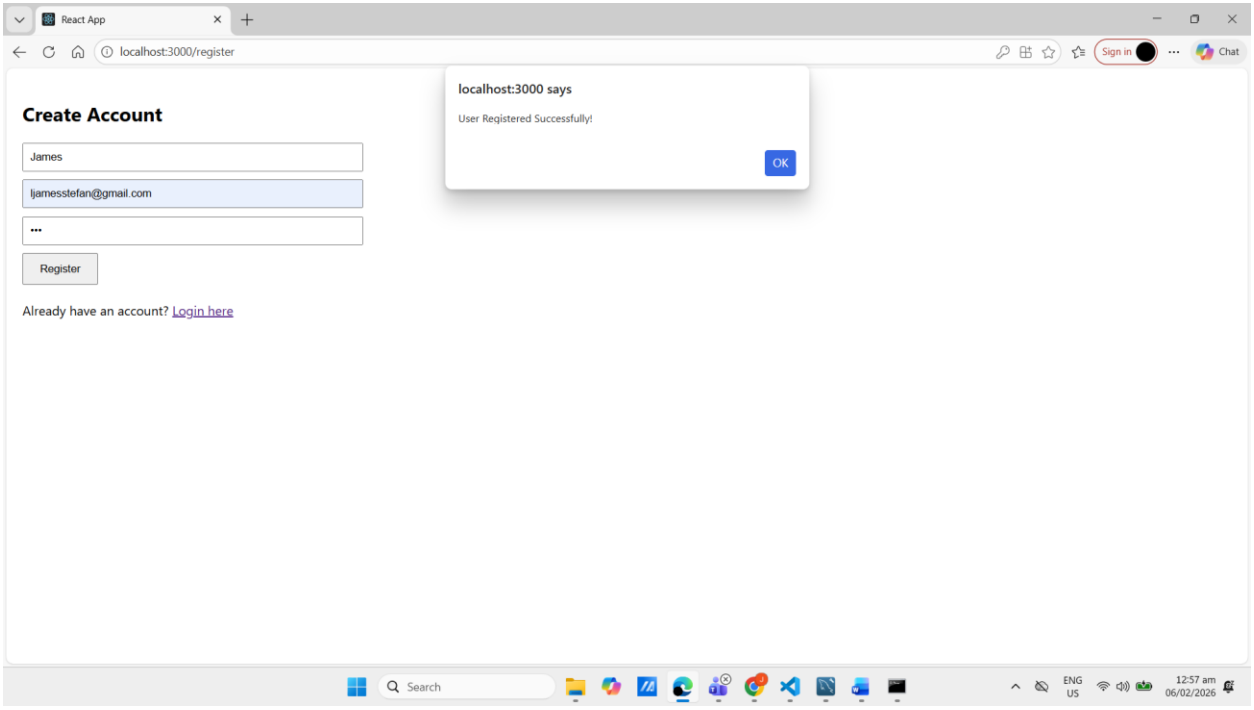
- Sequence Diagram



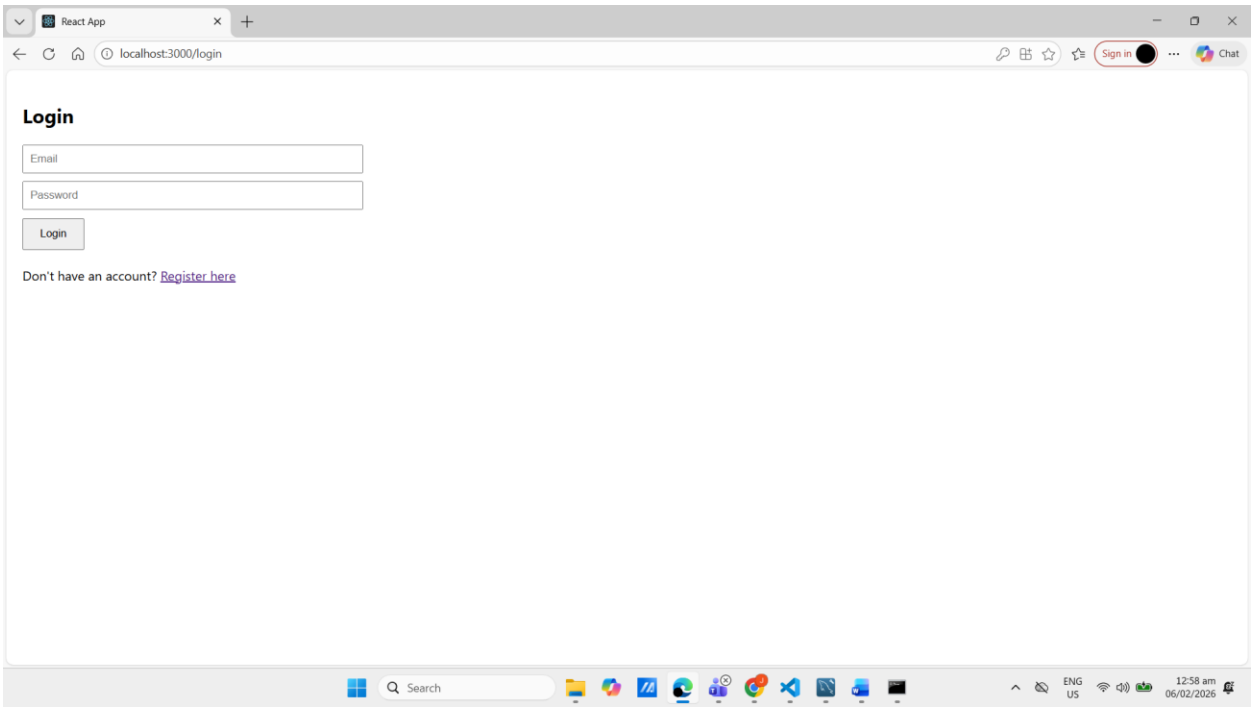
Screenshots of the Web UI:

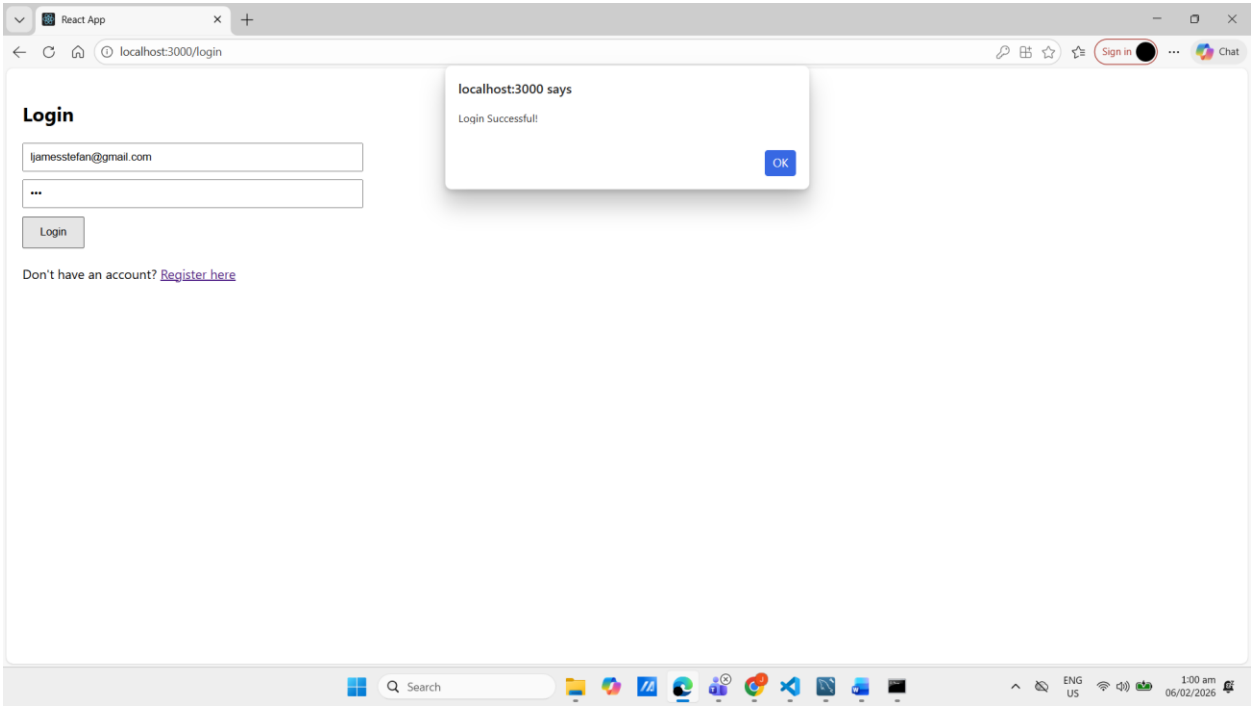
- Register


React App
localhost:3000/register
Summarize
Sign in
Chat
Create Account
Username
Email
Password
Register
Already have an account? Login here
Search
ENG
US
1:02 am
06/02/2026

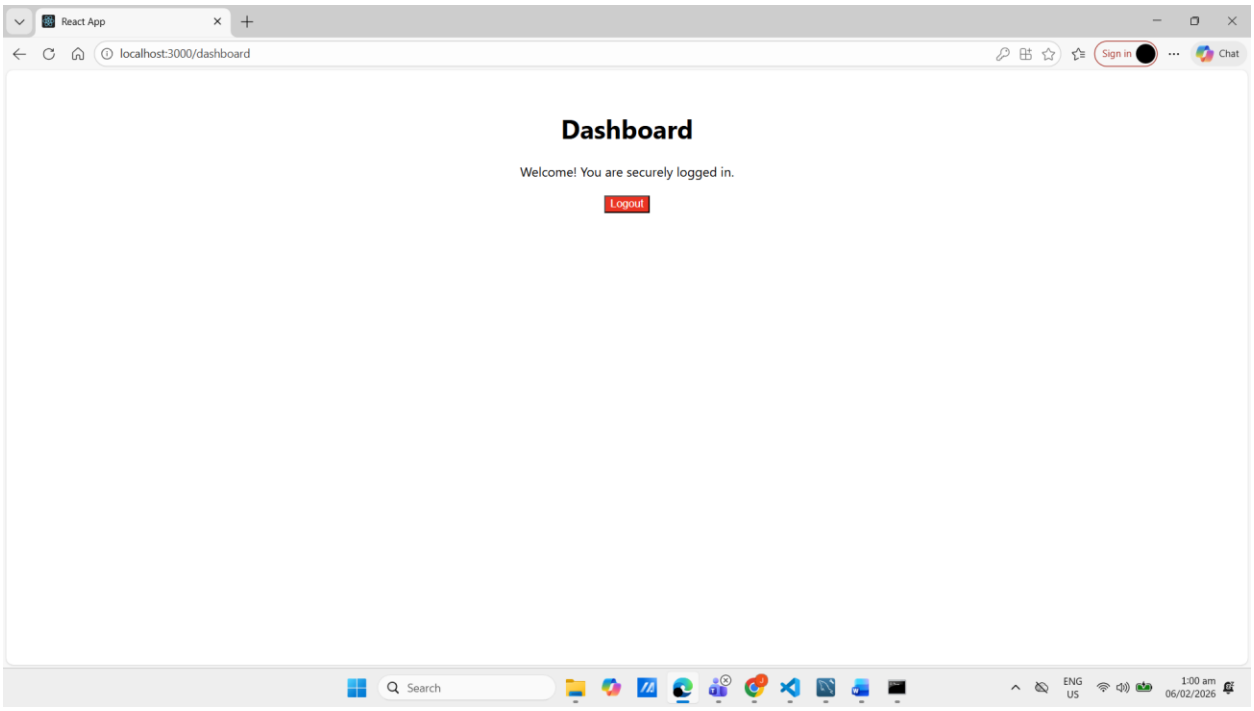

React App
localhost:3000/register
Sign in
Chat
localhost:3000 says
User Registered Successfully!
OK
Create Account
James
ljamesstefan@gmail.com
Register
Already have an account? Login here
Search
ENG
US
12:57 am
06/02/2026

- Login

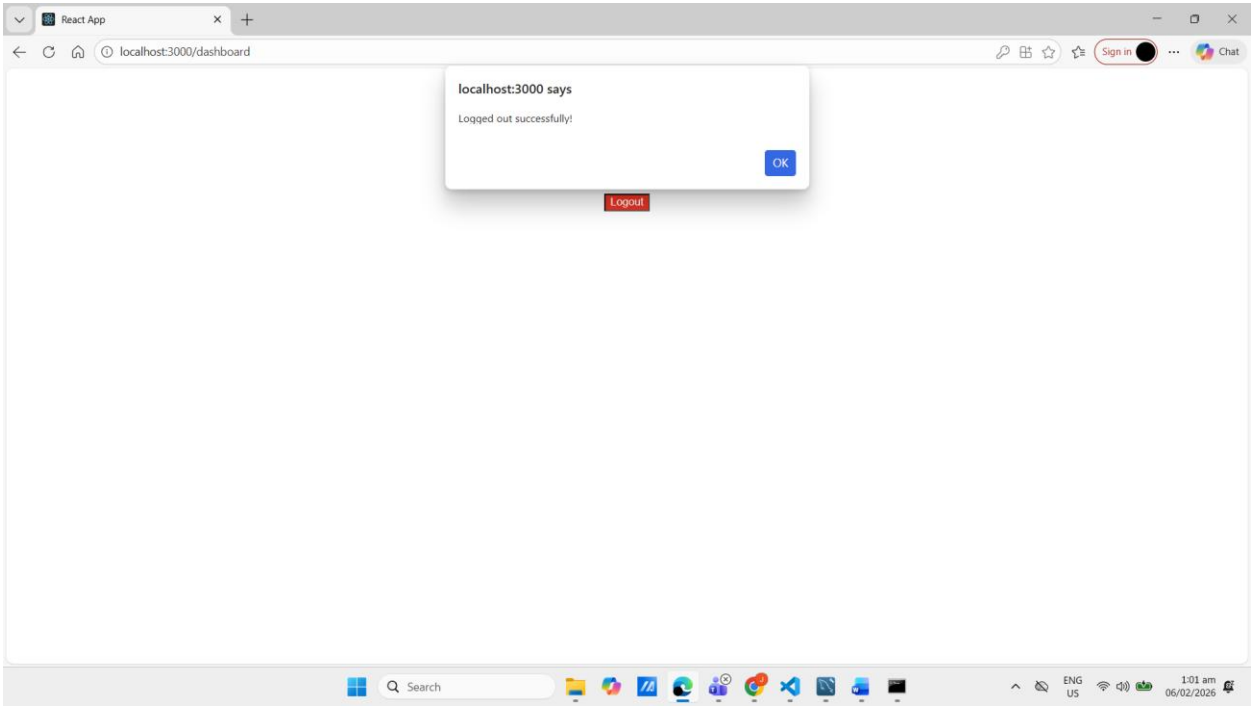




- Dashboard/Profile


React App
localhost:3000/dashboard
Sign in
Chat
Dashboard
Welcome! You are securely logged in.
Logout
Search
ENG
US
1:00 am
06/02/2026

- Logout


React App
localhost:3000/dashboard
Sign in
Chat
localhost:3000 says
Logged out successfully!
OK
Logout
Search
ENG
US
1:01 am
06/02/2026