# *SYSTEM DESIGN DOCUMENT*

Team Agile Avengers – Sprint 3

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# Dependencies
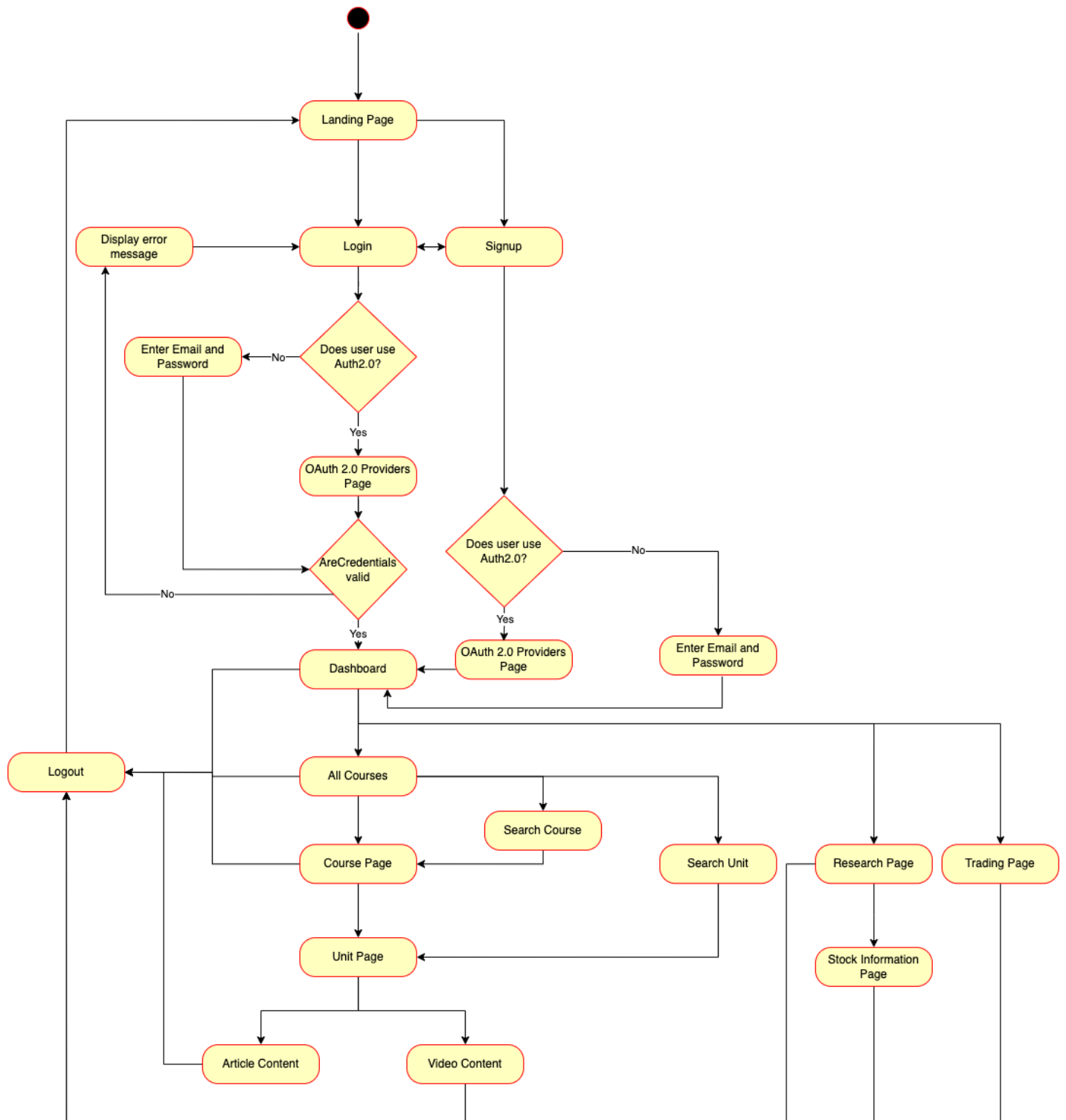
Front End
- Chakra UI
- Clerk
- Next
- React

Back End
- Mongoose
- Express
- Node
- Cors

Database
- MongoDB Atlas

The assumption is that the user will be on a web browser across any device.

# Activity Diagram and Exception Handling

Landing Page

Display error message

Login

Signup

Does user use Auth2.0?

No — Enter Email and Password

Yes

OAuth 2.0 Providers Page

AreCredentials valid

No

Yes

Does user use Auth2.0?

No — Enter Email and Password

Yes

OAuth 2.0 Providers Page

Dashboard

Logout

All Courses

Search Course

Course Page

Search Unit

Research Page

Trading Page

Unit Page

Stock Information Page

Article Content

Video Content

# System Architecture