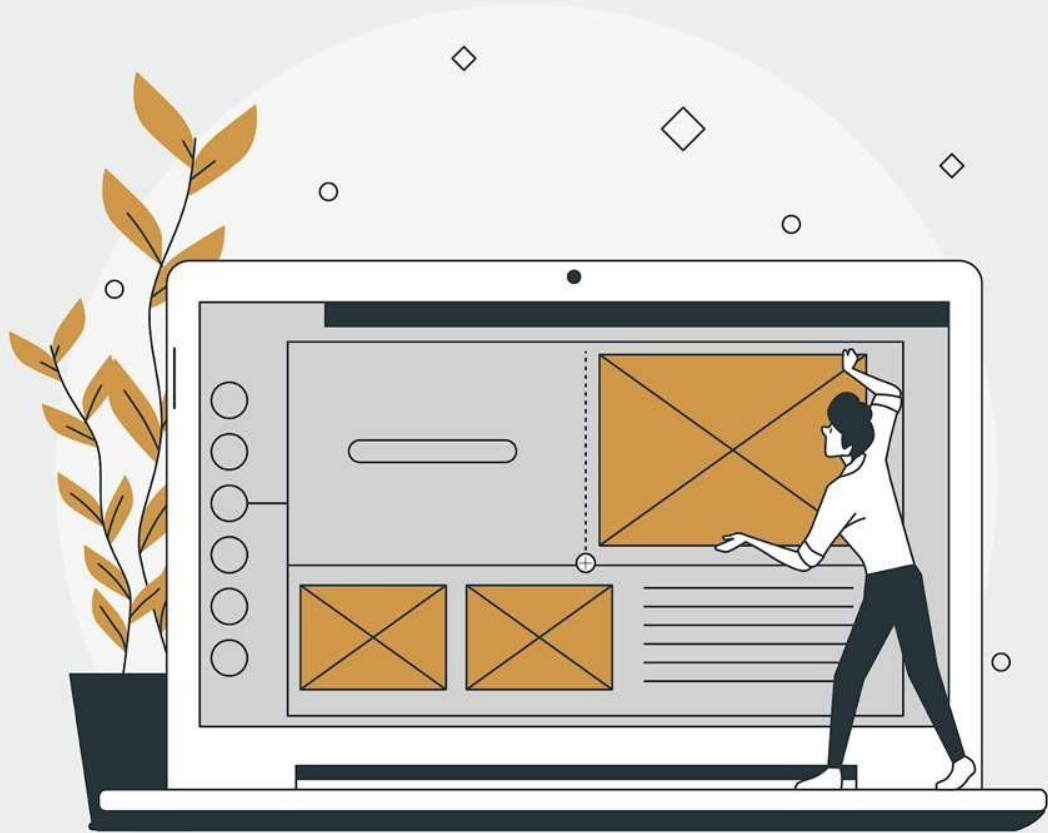




Social media using html, CSS and java script

Task - 4



Social media using HTML , CSS and java script

| LMS Username | Name | Batch |
|----------------|--------------|-------|
| au110320104033 | Preetha G | CA6 |
| au110320104032 | Prabavathi A | CA6 |
| au110320104046 | Sumithra K S | CA6 |
| au110320104011 | Deepika K | CA6 |



Task 4 :: Backend (Module 4)

Do database modelling and create models

- Design schema for all the data to be stored
- Start mongodb local server and point the backend to the server
- Create mongoose schema at the backend
- Run test queries to set up the database

Create Various APIs to ensure data flow within the website

- Define all the routes for the backend
- Add authentication middleware
- Add controllers for all the paths to handle api request
- Create Environment variables for all authentication keys
- Note: Always handle all possible cases with the request

Evaluation Metric:

100% Completion of the above tasks

Learning outcome

- Understanding Nosql databases modeling
- Querying and filtering mongodb
- Understanding various req methods
- Getting familiar with cookies
- Server side authentication

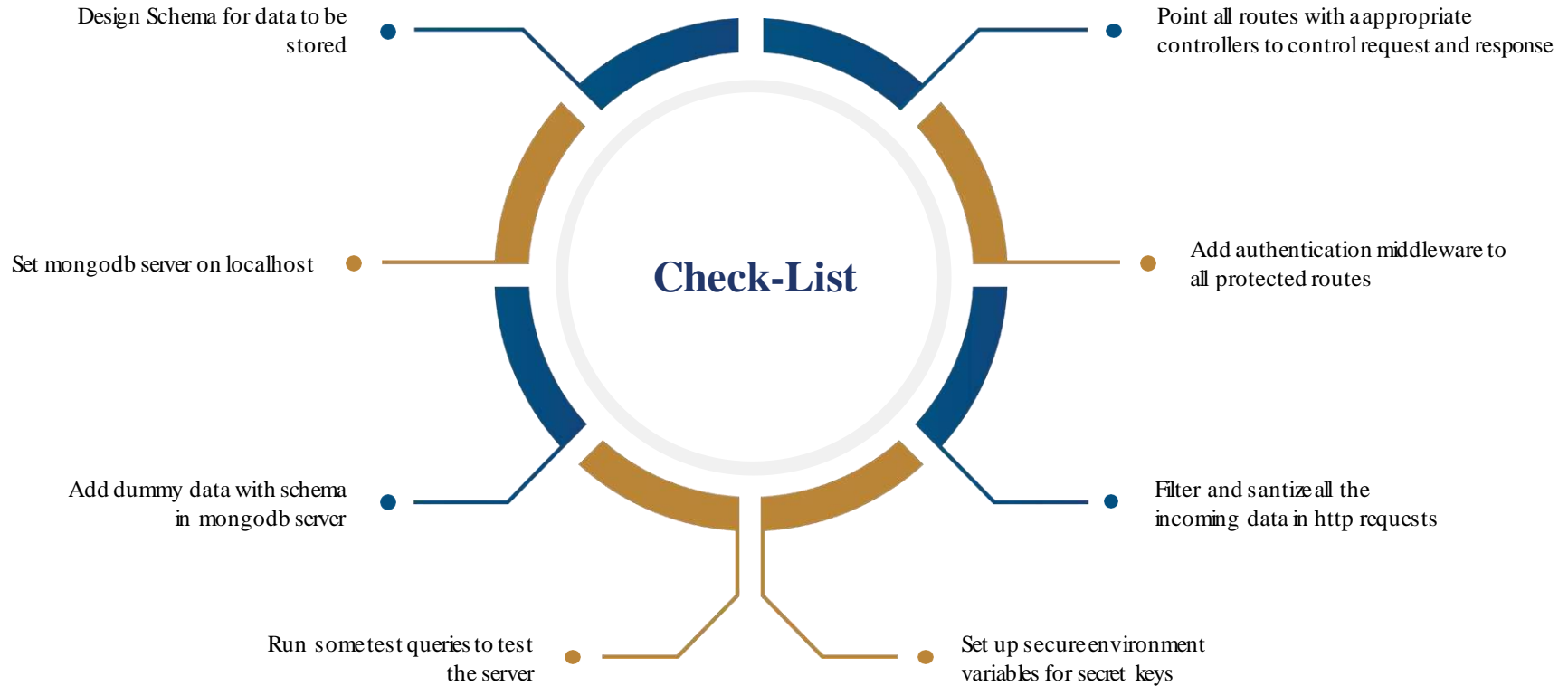
Step-Wise Description

- Determine the Features
- Choose a technology stack
- Design the database schema
- Build the API endpoints
- Implement Authentication
- Handle User-Generated Content
- Implement Real-time features
- Test and deploy
- Continuously monitor and optimize

Summary of your task

The task is to provide a step-by-step guide for building the backend of a social media application. The steps include determining the features, choosing a technology stack, designing the database schema, building API endpoints, implementing authentication, handling user-generated content, implementing real-time features, testing and deployment, and continuous monitoring and optimization. It's essential to have a skilled team to handle the development and maintenance of the application.

Assessment Parameter



Submission Github



<https://github.com/preetharaj23012003/NM-SOCIAL-MEDIA-APP>

Thank you!

