



AlmaMingle

“Empower your alumni journey with AlmaMingle – Where connections last a lifetime.”

By WallStreetDevs

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AND THEIR ROLES**
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Faces of AlmaMingle & **THEIR ROLES**



Andre Sharp
Deployment &
Documentation Lead



Kamalini Ponnuru
Project Management &
Deployment Lead



Madi McCauley
Back End & Testing Lead



Rahman Mehmood
Design & Testing Lead



Shashank Verma
Front End Lead



Suhaibuddin Ahmed
Configuration Lead



Usama Bin Faheem
Demo and Presentation
& Requirements Lead



Varun Mahankali
Back end & Design Lead



Project DESCRIPTION

Embark on a transformative journey with our upcoming Alumni Portal named *AlmaMingle*. Our state-of-the-art platform will feature a user-friendly **frontend** using **React JS**, ensuring adaptability to various devices. The **backend**, powered by **Node JS**, will provide a scalable foundation for efficient data management. Leveraging the **Netlify or Heroku** deployment framework, we will streamline updates for continuous innovation.

Immerse yourself in a vibrant tapestry of shared experiences, knowledge exchange, and collaborative ventures as we celebrate the legacy of our alma mater and amplify the impact of our collective successes. Join us on this transcendent odyssey, where connections transcend graduation and endure throughout a lifetime.



Project

TIMELINE

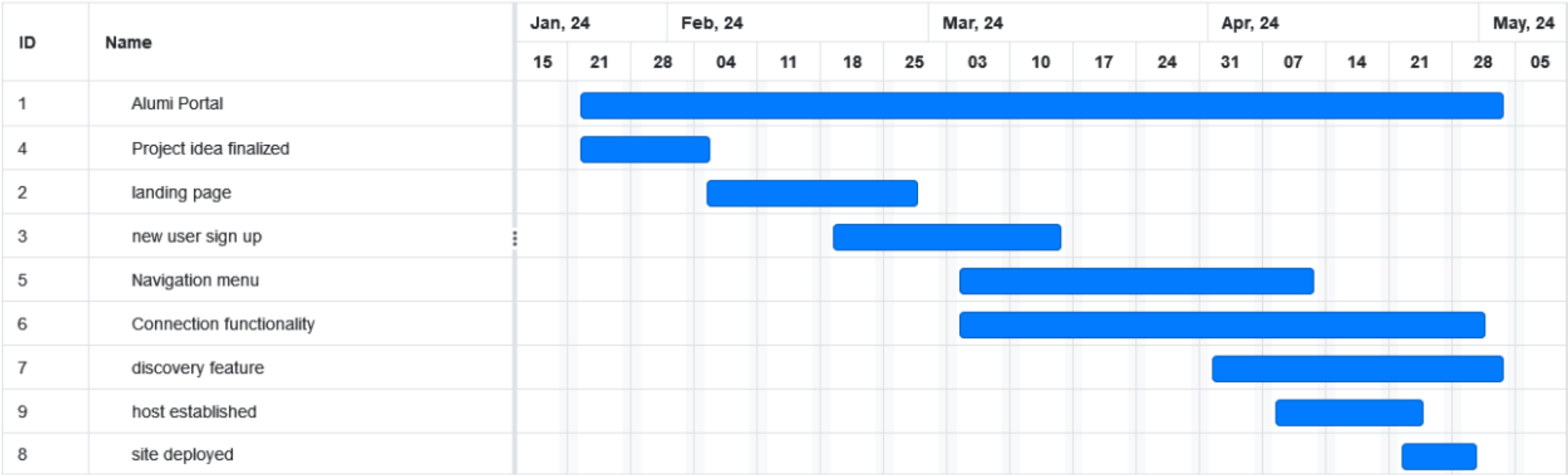
Week	Activities
1	Intro to the class, Formed teams
2	Team Meeting and Introduced Ourselves, Finalized Ideas
3	Planning for Deliverable 1 (Feb 5)
4	System Structure, Requirements Specifications, Development Phase Plan
5	Development Phase Plan
6	Summing up previous week things, preparing a document, Deliverable 2 (Feb 26)
7	Code Development

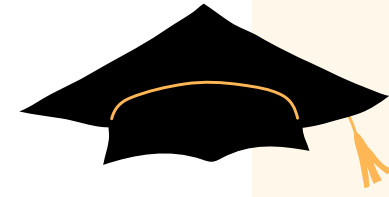
Week	Activities
8	Spring Break
9	Deliverable 3 (50%) - Mar 18
10	Code Enhancement & Improvements
11	Code Finalizing Phase, Code Freeze
12	Deliverable 4 (90%) - Apr 8
13	Testing & Deployment Phase
14	Final Check - Code Fixes, Bug Fixes (98%)
15	Deliverable 5 (100%) - Website is ready to launch, Apr 29



Gantt CHART

Gnatt chart for planning phases of project





Risk

MANAGEMENT

Risks

Technical Complexity

Scalability Issues

Security Vulnerabilities



Technical COMPLEXITY

Monitoring:

- Regular code reviews: Implement a process of regular code reviews to ensure adherence to best practices and identify any technical issues early.
- Use automated testing: Implement comprehensive unit testing and integration testing to catch potential technical issues before they become critical.

Reevaluation:

- Regularly assess code complexity: Periodically review the complexity of your codebase to identify any increasing trends or potential bottlenecks.

Contingency:

- Plan for additional development time: If technical challenges arise, build in extra time into your development schedule to address unexpected complexities.
- Seek expert consultation: Get help from with experienced developers or TA/IA who can provide guidance and assistance if needed.



Scalability ISSUES

Monitoring:

- Regular performance testing: Conduct regular performance tests to identify potential scalability issues as the application grows.
- Monitor server resources: Implement monitoring tools to keep track of server resources and respond proactively to any signs of strain.

Reevaluation:

- Periodic load testing: Perform load testing periodically to simulate increased user loads and identify any scalability concerns.

Contingency:

- Implement caching mechanisms: Employ caching strategies to alleviate server loads and enhance the overall scalability.



Security VULNERABILITIES

Monitoring:

- Regular security audits: Conduct regular security audits to identify and address potential vulnerabilities.
- Monitor dependencies: Keep track of updates and security patches for all dependencies used in the project.

Reevaluation:

- Stay informed on security trends: Stay updated on the latest security threats and vulnerabilities, and reassess your security measures accordingly.

Contingency:

- Rapid response plan: Develop a plan for quick response and resolution in case of a security breach.
- Regularly update dependencies: Keep all dependencies up-to-date to benefit from security patches and improvements



Members CONTRIBUTION

Member Name	Contribution Description	Overall Contribution(%)
Andre Sharp	Gnatt chart, Risk management, formatting	12.5%
Kamalini Ponnuru	Organized, Structured and allocated the roles for the team and prepared PPT. Helped in the documentation task.	12.5%
Madi McCauley	Background research on applications that will be used in front and back end , project description , topic final decision, PPT presentation	12.5%
Varun Mahankali	Research on technologies that will be used for the development of project, deciding on project timeline	12.5%

Member Name	Contribution Description	Overall Contribution(%)
Rahman Mehmood	Helped in identifying the suitable technologies and tools. Identifying the project milestones for the project timeline. Helped in the discussion of the roles for each team member. Prepared Minutes of Meeting.	12.5%
Suhaibuddin Ahmed	Helped in project topic, features and role discussions, helped in project description, setting up - organizing the structure of the github repository, preparing readme file	12.5%
Usama Bin Faheem	Project description, timeline and milestones, team roles delegation, technology stack research & finalization .	12.5%
Shashank Verma	I helped in Project description, Identify the suitable technology for the project.	12.5%

THANK YOU

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GitHub:

[https://github.com/kamaliniPonnuru/
WallStreetDevs_SEProject/blob/mai
n/GROUP-INFO](https://github.com/kamaliniPonnuru/WallStreetDevs_SEProject/blob/main/GROUP-INFO)