Project plan

A social media site similar to reddit or quora

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Contract Parties

1. Client: The party requesting the development of the social media website.(Fontys)
2. Development team: The party responsible for designing, developing, and delivering the social media website.(Thomas)
3. Hosting provider: The party responsible for providing the web hosting service for the social media website.(Hera, Luna)
4. Users: The party that will be using the social media website.(Students/teachers)

Current Situation

The current situation is that there is a need for a social media website that allows users to share and discuss various topics of interest in a user-friendly and engaging platform. There are existing social media websites such as Reddit and Quora, but the client requires a customized platform with specific features and functionality that cater to their target audience.

Problem Definition

The problem is that the client requires a social media website that is tailored to their specific needs and requirements. They require a website that is user-friendly, encourages engagement, and fosters a sense of community. The website should allow users to create profiles, post content, upvote and downvote posts, and interact with other users through comments and messaging. Additionally, the website should have a robust moderation system to ensure the safety and respectfulness of the platform. The challenge is to design and develop a social media website that meets these requirements and provides an enjoyable user experience.

Project goals

The following are the project goals

1. Develop a user-friendly social media platform that allows users to share and discuss topics of interest.
2. Enable users to create profiles and post content, including text, images, and links.
3. Implement upvoting and downvoting functionality to allow users to express their opinions on content.
4. Allow users to interact with each other through comments and messaging.

5. Ensure the website is scalable and able to handle a large user base.
6. Develop a robust moderation system to ensure the website remains a safe and respectful environment.
7. Incorporate features that encourage engagement and user retention, such as badges, rewards, and gamification.

Constraints

1. Budget: The project should be completed within a predetermined budget.
2. Time: The project should be completed within a specified timeframe, here which is by the end of week 17.
3. Resources: The project should be completed using the resources available.
4. Security: The website should be secure and protect users' data and privacy.
5. Compatibility: The website should be compatible with various web browsers and devices.
6. Legal: The website should comply with all applicable laws and regulations.

Phasing

1. Planning phase: This phase involves defining the project scope, objectives, and requirements, and creating a detailed project plan. It also includes setting project timelines and identifying resources needed for the project.
2. Design phase: This phase involves creating wireframes, designing the user interface, and developing the database schema and architecture. It also includes creating a technical specification document.
3. Development phase: This phase involves developing the website's front-end and back-end, implementing the features and functionality, and conducting testing and quality assurance.
4. Launch phase: This phase involves deploying the website to a live server, conducting final testing and quality assurance, and creating user manuals and documentation.
5. Maintenance phase: This phase involves ongoing support and maintenance of the website, fixing bugs, adding new features, and ensuring the website remains up-to-date and secure.

Deliverables

1. A working desktop and web application

2. Documentation, including user manuals and technical specifications.
3. Source code and related assets.
4. The test plan

Non deliverables

The client should not expect the following things to be delivered
1. The hardware to run the program
2. The server for the web application
3. Anything that is not explicitly specified.

Moscow requirements

Must have

1. User registration and login functionality
2. Ability for users to create and edit their profile
3. A news feed where users can see posts and discussions from other users
4. Upvoting and downvoting system to rate posts and comments
5. Moderation features to allow users to report inappropriate content or behavior
6. Search functionality to allow users to find specific posts or topics
7. Ability for users to follow other users or topics of interest
8. Private messaging system for users to communicate with each other

Should have

1. Ability for users to create and join groups or communities based on shared interests
2. Algorithmic recommendation system to suggest content to users based on their activity and interests
3. Advanced search functionality, such as filtering by date, popularity, or relevance
4. Notification system to alert users of new activity on their posts or in topics they follow

Could have

1. Live chat functionality for real-time discussions

2. Audio and video posting capabilities

Won't have

1. Integration with cryptocurrency payment systems
2. Ads
3. Non-English language support