



Project requirements

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Community & UN SDG(s):	Eye Vision Care Community, focusing on UN SDG #3: Good Health and Well-Being, SDG #4: Quality Education, and SDG #8: Decent Work and Economic Growth
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Project Name	BlinkBoost
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Functional Requirements

HIGH PRIORITY:

1. Efficient and helpful digital eye training exercises
 - Interactive animations that guide users through each exercise, ensuring clarity and efficiency.
2. Targeted Relief for Specific User Groups
 - Tailored exercises and resources especially for students and office workers who face prolonged screen times.
3. User-friendly forum
 - Simplified sign-up and login processes ensuring seamless access to the forum for all users.
 - Intuitive interfaces for posting and commenting, enabling users to share and interact with minimal hurdles.

LOW PRIORITY:

1. Activity Monitoring:
 - Detailed tracking and activity logs, allowing users to review their exercise history.
2. Engagement Enhancements:
 - Integration of 'like' buttons on posts to gauge content popularity.
 - An upvoting system to highlight popular topics and insightful comments.

Technical/Performance Requirements

HTML – to design interactive eye exercises animation. This includes implementing responsive and accessible designs for the animations, ensuring they work smoothly across all device types.

PHP – to handle server-side functionalities, including user registration, login, and session management. It will also manage the logic for saving and fetching user forum posts and comments.

MySQL - to store user data, exercise progress, and forum posts. It will function as the main database, storing user credentials, progress records, and other essential data.

UofR CS Web Servers / Apache - to host the website and ensure it remains live and accessible. Apache will manage incoming requests, redirecting them to PHP and serving HTML pages to users.