Task Backlogs

Based on agile methodology

Sprint 1: Project Setup and Basic Website Structure
1. Define user stories and gather requirements for the website.
2. Set up the version control repository and development environment.
3. Design the database schema for book information, user data, and reviews.
4. Create a basic homepage layout and navigation.
5. Implement user registration and login functionality.

Sprint 2: Book Details, Reviews, and Recommendations
1. Build the book details page to display book information and reviews.
2. Implement the ability for users to write and submit reviews with a rating system.
3. Develop a book recommendation engine based on user preferences and genres.
4. Add a search feature to allow users to find books by title, author, or genre.

Sprint 3: User Interactions and Social Features
1. Enable users to follow other users and like reviews.
2. Implement a comment system for book reviews.
3. Add social media sharing options for book reviews and recommendations.
4. Implement a notification system to alert users about new book releases and followers.

Sprint 4: Deployment, Testing, and Performance Optimization
1. Conduct thorough testing and bug fixing on the website.
2. Gather feedback from real users through beta testing and perform user acceptance testing (UAT).
3. Deploy the website to a staging environment for final testing and improvements.
4. Optimize the website's performance by implementing caching and other performance enhancements.

Sprint 5: Security and Monitoring
1. Strengthen website security through measures such as input validation and protection against common vulnerabilities.
2. Set up monitoring tools to track website performance and detect any issues.

Sprint 6: Final Refinements and Continuous Improvement
1. Address user feedback and prioritize feature requests or improvements.
2. Make any final refinements based on the feedback and prepare for the production deployment.
3. Deploy the website to the live server for public access.
4. Hold a retrospective to reflect on the development process and identify opportunities for continuous improvement.