

PesaFast Project Plan

16/09/2023

Understood! We'll focus on creating a prototype within a week. Here's a high-level plan on how to proceed with the development of your Ruby on Rails betting website:

****Day 1-2: Project Setup and User Authentication****

1. Set up a new Ruby on Rails project.
2. Configure the database.
3. Implement user registration and authentication using Devise, with the `username` and `phone_number` fields.
4. Create the basic site structure, including routes and views for the homepage, user registration, and login.

****Day 3-4: Betting Functionality and Animation****

5. Develop the core betting functionality.
6. Implement the diagonal line animation within the animation container.
7. Create a simple database schema for storing bets and related data.
8. Build views and controllers for placing bets and displaying odds.

****Day 5-6: M-Pesa Integration and Payment Handling****

9. Research and integrate the M-Pesa API for handling deposits and withdrawals.
10. Develop the deposit form with phone number and amount fields.
11. Implement the logic to process deposits and update user balances.
12. Create a basic transaction history page for users.

****Day 7: Frontend Polishing and Testing****

13. Focus on frontend polishing, ensuring the site is visually appealing and responsive.
14. Conduct initial testing, including functional testing, usability testing, and security checks.

15. Address any critical issues or bugs that arise during testing.
16. Prepare the prototype for a demonstration.

****After Day 7: Review and Refinement****

17. Review the prototype with stakeholders (if any) and gather feedback.
18. Plan for the next development phase to refine and expand the site's features based on feedback and your project's goals.
19. Continue development and testing to transform the prototype into a full-fledged, secure, and scalable betting website.

Please note that this plan is highly condensed and focused on rapid development. It may not cover all aspects of a production-ready website, especially in terms of security and scalability. After the initial week, it's crucial to allocate additional time for thorough testing, security audits, and further development.

Let's get started! If you have any specific questions or encounter challenges during development, feel free to ask for assistance along the way.