1. **Planning:**

- Define project objectives, scope, and requirements.

- Identify stakeholders and gather initial project information.

- Create a project plan outlining timelines, resources, and budget.

2. **Analysis:**

- Conduct a detailed analysis of user needs and expectations.

- Gather specific requirements for the web platform.

- Document functional and non-functional requirements.

3. **Design:**

- Create wireframes and prototypes for the user interface.

- Develop the system architecture, including databases and integration points.

- Finalize the design specifications for both frontend and backend components.

4. **Implementation (Coding):**

- Write the code for the web platform and app based on the design.

- Implement frontend components, backend logic, and database functionality.

- Regularly review and test the code for quality assurance.

5. **Testing:**

- Conduct unit testing to ensure individual components work as intended.

- Perform integration testing to verify that all components work together.

- Carry out system testing to assess the overall functionality.

- Engage in user acceptance testing (UAT) with client involvement.

6. **Functional Testing:**

- Payment Gateway Integration: Verify that the payment gateway is properly integrated with the web platform.

- Transaction Processing: Test various types of transactions, including successful payments

- Currency and payment methods. Make sure that the payment system supports several accepted payment methods and makes payments in hryvnia.

7. **Security Testing:**

- Data Encryption: Verify that sensitive data, such as credit card information, is securely encrypted during transmission.

- Secure Connections: Ensure that secure communication protocols (HTTPS) are implemented.

- Authentication and Authorization: Test user authentication and authorization to access and process payment-related functionalities.

8. **Deployment:**

- Deploy the web platform to a staging environment for final testing.

- Address any issues identified during staging.

- Deploy the finalized system to the production environment.

9. **Maintenance:**

- Provide ongoing maintenance and support.

- Address bugs, issues, and user feedback promptly.

- Consider implementing updates, enhancements, or new features based on user needs.