Week 5 Deliverables

CRYPTNOTE

Frontend Setup and Basic UI

IMPLEMENTED:

HTML Structure

- Defined the basic HTML structure for main pages: home page, registration page, login page, and note creation page.
- Laid a solid foundation for enhancements of features in the future.

CSS Styling

- Applied consistent, visually appealing CSS styling.
- Ensured responsive design for cross-device and cross-platform compatibility.

JavaScript Integration

- Also, implemented basic JavaScript to perform client-side interactions such as form validations and dynamic updating of content.
- Chose to work with just the plain JavaScript a lot over React.js, according to the project requirements and to ease initial development.

Component Structure

- Utilized a modular approach to component structure for ease of maintenance and scalability.
- Took individual range of pages and functionalities and split them down into their constituent elements for development independently and testing.

Future Tasks:

Advanced Features in JavaScript

- Complex functionalities are to be implemented like dealing with asynchronic data and more interactive user interface.

- These represent the features necessary in real-time updates and dynamic content loading.

Cross-Browser Testing

- Implement testing across major browsers: Testing remains pending across the browsers of Chrome, Firefox, and Microsoft Edge to make sure things behave the same way everywhere.

Improvements to Accessibility

- Plan for enhancements to be more accessible; this includes keyboard and screen reader navigation, color contrast standards.

Challenges and Adaptations

- Migration from React.js to an approach based on HTML, CSS, and JavaScript development, that needed reevaluation in terms of strategy followed.
- This move enabled faster UI iterations and ease-of-integration with the desired Django framework but demands cautious planning in scalability and maintainability.
- In the near future, the development of increasing interactivity, with strong backend integration to meet core functionalities.