

Development Schedule and Tech Specs

For TBD Platform.

Tech Specs

To develop a web application with mentioned requirements will be needed the following:

Python Django for Back-end
Javascript React for Front-end
PostgreSQL for Database
Docker for containerization
Trello for Agile development

Cloud Storage: Azure, AWS...

01 – Project Setup and Frontend Development

Tasks:

- Set up a Django project and integrate PostgreSQL as the database.
- Create the basic project structure and configure static files, templates, and URL routing.
- Design and implement the landing page (Page 1).
- Implement user registration and login functionalities.
- Create the homepage (Page 2) for logged-in users.

02 – AI Risk Profile Generation (Pages 3 and 5)

Tasks:

- Design and implement the AI Risk Profile generation page (Page 3).
- Integrate AI services for generating risk profiles based on user input.
- Implement the risk scoring and mitigation features.
- Develop the functionality to save and download risk profiles.

Implement the subscription management system.

03 - T&O Standings/Forum (Pages 4 and 6)

Tasks:

Design and implement the T&O Standings page (Page 4).

Allow users to interact with existing risks (vote, comment, like, dislike).

Implement the functionality to add a new risk to the standings.

Create the Risk Type classification and region/country selection features.

Implement the payment system (API) for uploading risks to T&O Standings.

04 - Admin Panel and CMS (Page 3)

Tasks:

Design and implement the admin panel with complete CMS (Page 3).

Implement user management features for admin.

Develop functionalities to manage site content, user activities, and restrictions.

Create dashboard statistics (TBD).

Implement finance management features (prices, subscription, PAYG).

05 - Finalizing and Testing

Tasks:

Perform extensive testing of all features.

Address and fix any bugs or issues.

Optimize the application for performance.

Conduct user acceptance testing (UAT).
Finalize the user interface and user experience.
Prepare documentation for deployment.

06 – Deployment and Post-Deployment

Tasks:

Deploy the application to a cloud platform (AWS, Azure, Heroku, etc.).
Set up continuous integration and deployment.
Monitor the application for any issues.
Method for collect and analyze user feedback for future improvements.
Create a newsroom section based on the provided information.

Additional Notes:

- Regular communication to ensure the project aligns with expectations.
- Private repository for version control (Git) throughout the development process.
- Docker for containerization.