

### **Disclaimer on Project Estimates and Potential Difficulties:**

While the provided project plan outlines a detailed timeline and task distribution, it is important to acknowledge that these estimates are based on our current understanding of the project requirements and available resources. We have tried our best to reduce the overall complexity of the project; however, despite that, we may encounter unforeseen challenges such as technical difficulties, integration issues, or unexpected bugs that could impact our progress. Additionally, balancing the workload effectively among team members and ensuring smooth communication will be crucial to meeting our deadlines. We are committed to adapting and addressing any obstacles as they arise to ensure the successful completion of the Influxity platform by the project end date.

The plan, as of right now, is to split the project relative to the expertise of our group members. Depending on the difficulty of the task, each element has either all group members working on it, or just some (1-2), which allows a group member to prepare and begin preparations for the next task.

*\*\*Members A, B, and C can be interchangeable depending on the expertise of each relative member; this is why we have them generically labeled.*

### **Setup Environment and Database Design**

- **Task:** Set up a development environment with PHP, Oracle (SQL\*Plus), HTML, CSS, and version control using Git. Design and implement the database schema including user management, company management, data transactions, compensation, and transparency reports.
- **Assigned To:** Member A, Member B, and Member C

**Deadline: ~July 31st**

### **User Management and HTML Development**

- **Backend Task:** Develop user registration, profile management, and authentication.
- **Frontend Task:** Develop HTML structure for all pages including user registration, profile, data requests, and dashboards.
- **Assigned To:** Member A, Member B (Assist), Member C (Assist). Members B and C can proceed to work with Backend structuring and help Member A if required.

### **Data Transactions and CSS Styling**

- **Backend Task:** Implement logic for data transactions including user consent and compensation tracking.
- **Frontend Task:** Apply CSS styling to ensure a responsive and visually appealing design.
- **Assigned To:** Member B, Member A, Member C

**Deadline: ~August 5th**

### **Company and Data Request Handling**

- **Task:** Develop company registration, profile management, and data request handling.
- **Assigned To:** Member B and Member C. Member A can begin work on the next task.

### **Activity and Transparency Reports and Frontend Logic**

- **Backend Task:** Implement activity tracking and generation of transparency reports.
- **Frontend Task:** Implement frontend logic using JavaScript for user interactions, form validations, and dynamic content updates.
- **Assigned To:** Member A, Member B (Assist), Member C (Assist)

**Deadline: ~August 6th**

### **Integration Development, Integration with Backend, and Testing**

- **Backend Task:** Develop basic elements for frontend integration:

**For example:**

- User Management: Register, login, profile.
- Data Requests: Create, list.
- Data Transactions: Submit, list.
- Compensation History: List.
- Transparency Reports: Generate.
- **Frontend Task:** Integrate frontend with backend to enable data transactions, user management, and company interactions.
- **Assigned To:** Member B (Lead), Member A (Assist). Member C can start work on testing.

### **Testing and Deployment**

- **Task:** *Basic-ish* testing and integration testing of backend components. Perform user testing for the front end, basic backend tests/acceptance of data, etc. Deploy the backend on a server or on a local machine. Deploying the frontend on a hosting platform and ensuring it is accessible for users, while the backend behaves as intended.
- **Assigned To:** Member A, Member B, Member C

**Deadline: ~August 8th**

**~ August 9th acts as a buffer room for any final minute changes.**