**WeLift Team's Progress Report (Week Ending 9th August 2024)**

**Project Status Summary**

The team has completed the initial phases of data analysis, finalized the front-end part of the user info system, and prepared a prototype application for data input. Diagrams have been created and presented to Saudia to help her understand the system before full development. The focus has now shifted to developing comprehensive storytelling reports and refining visualizations.

## Work Completed Last Week

 **Data Analysis**:

* Completed analysis of datasets including age distribution, participant counts, housing status, campaign status, hiring trends, job placement metrics, and insurance status.
* Identified significant data gaps and inconsistencies.
* Prepared plots for dashboard integration.

 **Prototype Development**:

* Completed the first version of the system where participant information will be entered and viewed.

 **Front-End and Back-End Development**:

* Finalized the front-end part of the user info system.
* Started developing the back-end.
* Prepared and presented diagrams to Saudia to help her understand the system before full development.

## Work Planned For Next Week

 **Storytelling Report**:

* Continue refining the storytelling report with detailed analysis and possible outcomes.

 **Dashboard Creation**:

* Develop and finalize dashboards for enhanced data visualization.

 **Predictive Model**:

* Fine-tune the data prediction model and integrate it with tools like Salesforce or Streamlit.

 **System Development**:

* Continue development of the back-end for the user info system.

## Open Risks

1. **Client Feedback Delays**:
   * Delays in receiving feedback or responses to questions raised with the client could slow down the decision-making process and hinder the team's ability to move forward with certain tasks.
2. **Software Engineering (SWE) Solution Risks**:
   * The development of the software engineering solutions may encounter unexpected bugs or issues that require significant time to resolve. This can impact the overall timeline and require additional iterations to ensure functionality and reliability.

## Deliverables and Milestones

|  |  |  |  |
| --- | --- | --- | --- |
| Milestone | Planned Completion Date | Actual Completion Date | Status |
| Evaluate the data inputs provided | 9th July 2024 | 9th July 2024 | Done |
| Finalize project plan and tasks | 15th July 2024 | 15th July 2024 | Done |
| Analyze data | 30th July 2024 | 22nd July 2024 | Done |
| Collect all analysis and create dashboards / visualization | 4th August 2024 |  | Work in progress |
| Create a report for client to share results | 10th August 2014 |  | Done |
| Finalize software engineering (SWE) solution plans | 24th July 2024 | 24th July 2024 | Done |
| Create dashboard | 4th July 2024 |  | Work in progress |
| Predictive model display interface | 30th July 2024 |  | Work in progress |
| Create a report for client to share results | 10th August2024 |  | Done |
| Front-end prototype of the user info system | 26th July 2024 | 26th July 2024 | Done |
| Finalize front-end and start back-end development | 4th August 2024 |  | Done |
| Develop demo web application for data input | 9th August 2024 | 4th August 2024 | Done |