# Weekly Project Status Report

**NEU EXPO 2024 Team WeLift’s Project**

**Week Ending: ]26th July 2024**

**Project Status Summary**

* The team has completed the data analysis and identified gaps in participant information and geographical data.
* Next week, the team will focus on developing dashboards to visualize the data and insights.

## 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.
* **Solution Development:**
  + Finalized plans for the software tools we need to create.
  + Began developing the predictive model display interface.
  + Created a report for the client to share results.
  + Completed the first version of the system where participant information will be entered and viewed.

## Work Planned For Next Week

* **Dashboard Creation:**
  + Develop and finalize dashboards for better data visualization.
* **Predictive Model:**
  + Fine-tune the data prediction model and integrate it with tools like Salesforce or Streamlit.
* **Report Development:**
  + Continue refining the report with detailed analysis and possible outcomes.
* **System Development:**
  + Finalize the front-end part of the user info system and start developing the back-end.
  + Draw diagrams to help Saudia understand the system before full development.

## Open Risks

* **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.
* **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.

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## 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 |
| Collate all analysis and create dashboards / visualization | 4th August 2024 |  | Work in progress |
| Create a report for client to share results | 10th August 2014 |  | Work in progress |
| Finalize software engineering (SWE) solution plans | 24th July 2024 | 24th July 2024 | Done |
| Create dashboard | 4th July 2024 |  | Planned |
| Predictive model display interface | 30th July 2024 |  | Work in progress |
| Create a report for client to share results | 10th August2024 |  | Work in progress |
| 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 |  | Planned |