Sprint Increment Report
IIIrd Sprint

Client/Sponsor: Mr. Akshat Bajaj
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Project Team
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Dear *Akshat Bajaj*,

We look forward to reporting the progress of this sprint. We have captured the following points to update you on how things are going and if we have encountered any hurdles in our execution.
This recent sprint focused on all the deliverables and the coming sprint will focus on the progress of that deliverable.

Outcome(s) of this Sprint:
- **One draft for final project report has been created.**
- **One template for the framework documentation has been created.**
- **Individual contributions on each part of the framework has been gathered and reported to you.**
- **User manual template has been created.**
- **Example 1(EPL Match Prediction) Updates:**
  - **Progress: 80%**
  - Setup the project in the IDE. Install the Interpreter and all the packages required to run the project.
  - Explain Surround Framework's important classes and architecture to team members.
  - Perform Extraction, Transform and Load data in the project
  - Create a Stage class and add all the input functionalities in it like gathering all the data from all the CSV files in a data frame, managing missing values, NAN, the functionality of a further selection of attributes of data

- **Example 2 (Apple Shares Market Prediction) Updates:**
    - **Progress: 25%**
    - Created Arima project in Surround
        - https://github.com/skesineni1/Surround_AI_Suqad_2/tree/Skesineni/Arima/arima
    - Configured the .CSV data into the Surround
    - Implemented stages Data Input and Normalization
        - https://trello.com/c/WLPbsUfs/49-data-input-and-data-normalization-implemented-in-surround

Activities this Sprint:
- Learning surround AI framework, upskilling.
- Framework Documentation.
- Individual updates on documentation.
- Data training and Modeling.

Activities that will occur next Sprint:
- Framework document submissions.
- Report on Example implementation and Project documentation template submissions.
- User Manual submission.
- Help Example 2 Developer to accomplish the task.
- Loading data and configuring path for the CSV file.
- Data Input and Normalization to be implemented in Surround.

Proposed amendments to Scope:
- SIT 764 members to have basic knowledge on python and machine learning model.
- All team members need to have clear understanding of Surround- AI framework

Please let us know if you have any questions.
Sincerely,
Team *Surround AI squad 2*