**Minutes of Meeting 14-02-2024**

The following points were discussed regarding the features to be implemented or not in project during the meeting:

1. Object Detection:

We were indecisive either to use this feature or not but it already has been implemented in previous year’s work. So, we can use their methodology.

1. Field Monitoring :

It can be implemented in terms of boundary detection of the field, as if we are going to enforce certain rules in the project then we have to take into account the field monitoring either way.

1. Game State recognition:

A decision was made not to incorporate this feature in current project.

1. Rules Violation Tracking :

The rules described in the rule book RC 9.1.1/ 9.1.2 and RC 12.3.4/12.3.5 were decided to be implemented and Auto Ref system will compliance with these rules.

1. Communication :

Integration with the RefBox communication system will be considered throughout the project.

1. Decision Making:

The Auto Ref system will utilize decision-making strategies as part of the project.

1. Video Recording and playback:

It was decided that no proof, such as video recordings or replays, will be implemented for decisions made by the Auto Ref.

1. Adaptability:

The system must exhibit adaptability and continuity. Therefore, if the decision is made to utilize the Optitrack system from Tech United, it should be utilized by future generations.

1. Safety Measurements:

It has been determined that safety measures will not be implemented.

1. Data Logging:

This encompasses recording game statistics and visualizing events such as the duration of ball possession for each team, after the match. However, due to time constraints, it will not be implemented.

1. Artificial Intelligence:

After a discussion on using Optitrack system, we are not going to use artificial intelligence in our current project.

1. User Interface:

It includes review of results and visualization like video recordings and playbacks. It will be hard to implement owing to the current scope of project. So, it will be omitted from the project scope.