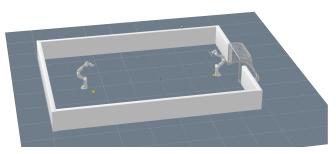
Practical Course Robotics Weekly Summary

Mohammed Muddasser, Raphael Broesamle Calendar week 27

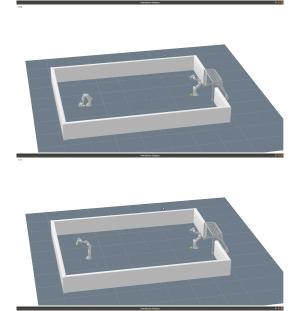
Achievements this week

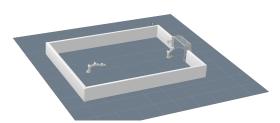
• Work Package 1 - Scene Creation: Improvements to the scene so as to improve the visual appeal. New meshes added for the goal and fences. Work Package 1 is now complete.



Scene

• Work Package 3 - Trajectory planning: The Ball Management is now complete with trajectory estimation for the projectile which includes the estimation of the point of intersection between the ball and the goalie.





Trajectory planning

• Work Package 4 - Goalie: The objectives to move the goalie to the desired position have been implemented separately. But not yet integrated with the whole environment.

Goals for next week

- Work Package 5 Integration and Extensive Testing: Integration of the work packages and testing the various scenarios. Defining and calibrating the objective functions and various parameters to get the best results. Structuring the code and documentation.
- Work Package 6 Video and Presentation preparation