Reinforcement Learning Project: Meeting log

Date	Discussion Points	Action Points
22.02.2022	● Initial discussion about the assignment	● Get familiar with the code from the labs ● Understand the chess environment and the assignment jupyter notebook ● Implementation of the epsilon greedy policy

14.02.2022	● Clear up questions about the assignment
	● Divide upcoming tasks
		● Until end of week:
		  ○ Implementation of SARSA (Iuliia)
		  ○ Implementation of Q-Learning (Adriana)
		  ○ Implementation of Experience Replay (Siddhant)
		● Derive the backpropagation rule for our neural network

16.02.2022	-	● Working session to implement the backpropagation algorithm (Q-Learning and SARSA were successfully implemented) (Adriana and Iuliia)
17.02.2022	● Code review of the implementation of SARSA and Q-Learning all together	● Implement Experience Replay (Adriana and Iuliia) ● Implementation of the optimization algorithm
18.03.2022	● Code review of the Experience Replay technique ● Decision on a parameter tuning scheme (grid-search) ● Decision on the adapted reward scheme	● Implement grid-search for parameters ● Implement different reward schemes ● Complete report