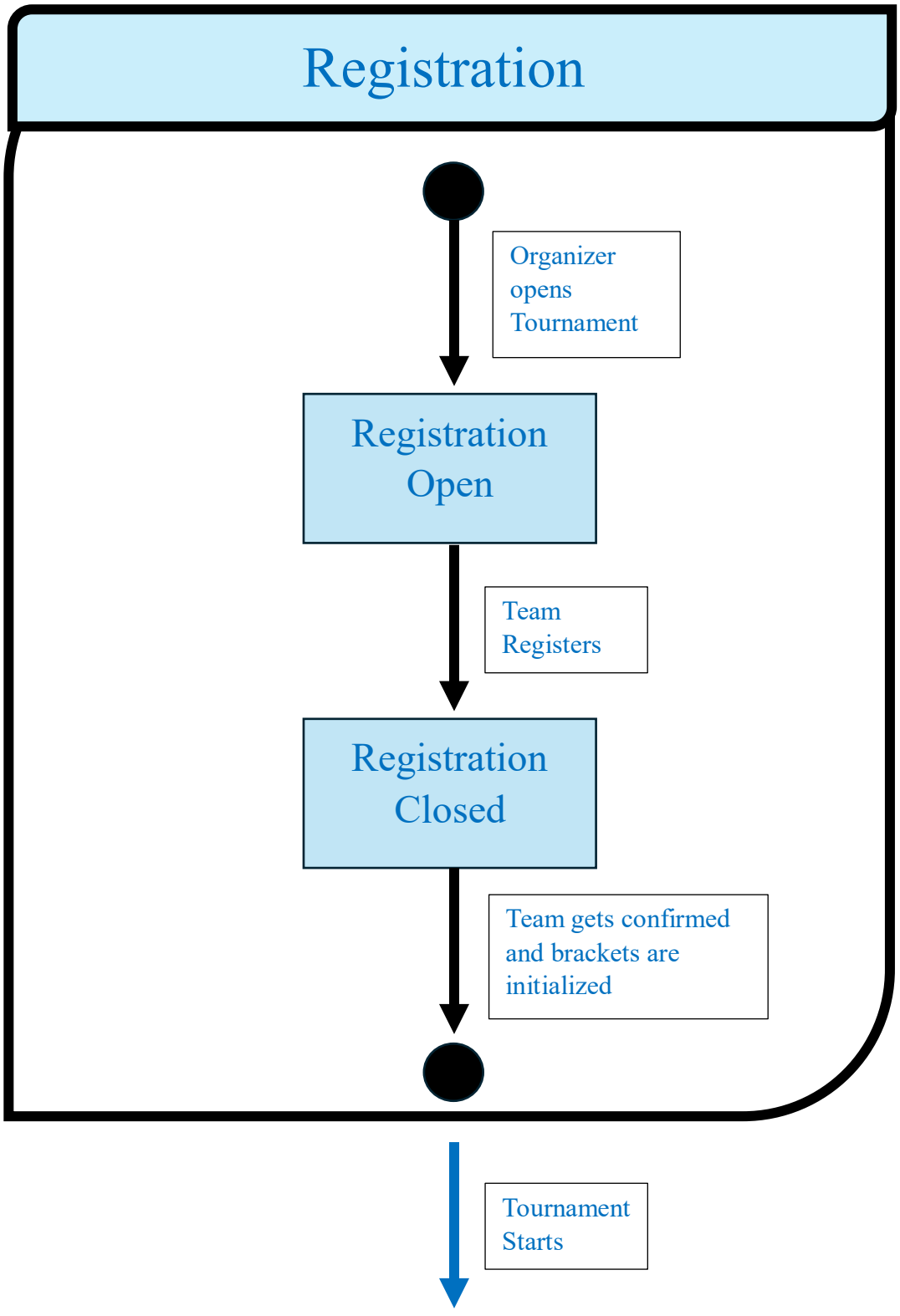
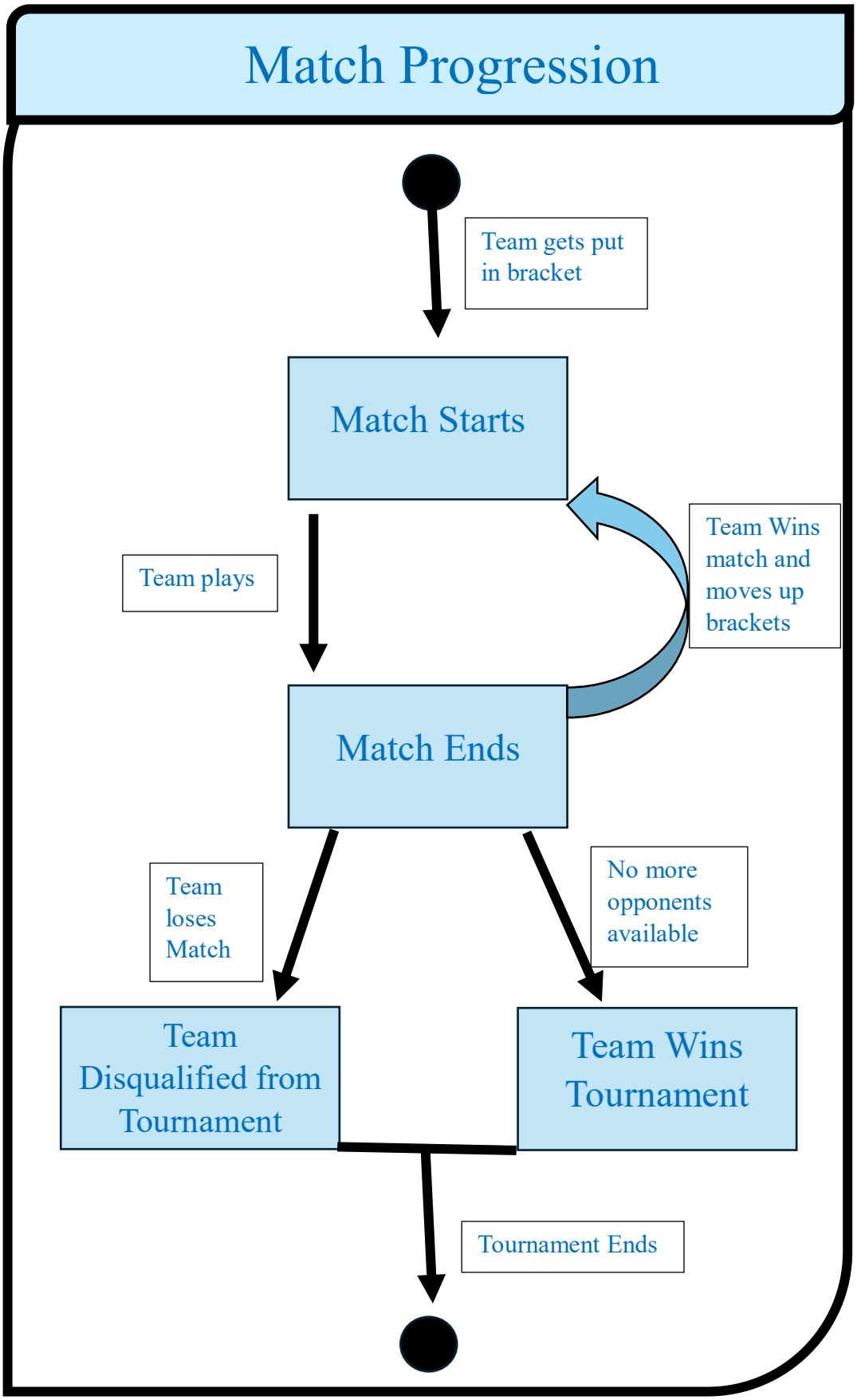
Lecture Topic Task

State Chart analysis for Tournaments




Match Progression
Team gets put in bracket
Match Starts
Team plays
Team Wins match and moves up brackets
Match Ends
Team loses Match
No more opponents available
Team Disqualified from Tournament
Team Wins Tournament
Tournament Ends

The State Chart shows the common processes that occurs during the lapse of a Tournament. The first thing that can be seen is that the Organizer opens the tournament for registration. After this teams are allowed to register to later be confirmed after registration ends. Ending the registration state, the Match progression process begins. Every team gets put in a bracket on which the opponents will be given to each one. Every match a team plays with their respective opponent and either wins and the team moves up brackets or loses and gets disqualified. If a team defeats all opponents, the match progression will be done, and the tournament will be considered over.

State charts are useful for diluting the processes within any spec of the project. With the analysis of the State Chart of tournaments it is clearer what each feature should aim to complete. The State Chart helps every member of the team understand the logic that should be behind every process. This ensures fewer confusion and emphasis on the important parts of the tournament processes.