**Abstract:**

Scheduling a large set of students into smaller groups based on individual availability is a task that is time consuming to do by hand. What the Team Scheduling Tool aims to do is automate scheduling to be done in a matter of seconds instead of hours or days. By simply giving the tool a file containing all of the relevant student availability information, students will be allocated to groups which correspond to their availability to quickly create an optimal solution with minimal need for human correction. By removing the time associated with scheduling students by hand, the groups will be finished earlier in the semester, which gives the students more time working in groups and a better overall experience.