

**Anni Cai**

- Helping with finalizing the abstract formulation
- Developing the optimization tool, including coding and debugging
- Preparing and creating input file and output file
- Editing “Optimization Methodology” section in project report
- Contribution percentage: 25%

**Dakota Wu**

- Initial analysis of identifying weaknesses and inefficiencies of current course scheduling system
- Creating abstract formulation (objective, data variables, decision variables, constraints)
- Generating sample input data through data simulation
- Contribution percentage: 25%

**Vivian Yang**

- Data exploration and documentation on use of historical schedules
- Data analysis and documentation on occupancy rates of classrooms
- Compiled and edited content for entire project report, specifically responsible for sections 1, 2, 1, 2.4, 4, 5.1-5.2, A2
- Contribution percentage: 20%

**Yura Shakhnazarian**

- Providing documentation for optimization tool, including code and instructions on how to run the tool in command line and Jupyter notebook
- Providing thorough descriptions for the formatting of input and output files
- Evaluating the effectiveness of our optimization tool by conducting and visualizing the analysis of improvement in preference scores
- Helping with final edits of the project report, in particular in sections 3.4-5.2
- Contribution percentage: 20%

**Shringar Sharan**

- Performing data exploration on faculty preferences and student preferences to identify opportunities for improvement
- Providing documentation regarding faculty and student preferences in the opportunities for improvement section in the report
- Helping with final editing of the report particularly sections 2.2, 2.3 and 3.3 (decision variables)
- Contribution percentage: 10%