Project Directions

- **Research Type**
  - Literature survey
  - Compare various solving algorithms
  - Design a new CSP solving technique

- **Application Type**
  - Develop a constraint programming library
  - Solve a particular real-life problem
  - Re-Implement an application paper
Project Idea

- Literature survey
  - “A survey on soft constraint satisfaction problems”

- Comparison on various solving algorithms
  - “Performance Evaluation: Genetic Algorithms, Simulated Annealing, Tuba Search and GENET”

- Investigation on CSP solving techniques
  - Consistency techniques
  - Searching algorithms
  - Hybrid algorithms
Project Idea

- Develop a CSP solving library
  - Develop a GA-based constraint programming library in C++/Java

- Solve a particular real-life problem
  - Nurse Rostering System
  - School Time Tabling System

- Re-Implement an application paper
Any Questions...