Automatic Rostering System:

This project was developed in collaboration with Western Hospital, Footscray to assist in the nursing roster process.

Roster creation is complex and time-consuming, and often results in employee dissatisfaction.

QUASAR, the Quick And Simple Automated Rostering system incorporates complex business constraints and requirements to easily manage the rostering task.

QUASAR can:
- Automatically produce fair and accurate rosters
- Allow manual assignments
- Account for employee preferences, skills and working hours