

# Software Engineering Workshops

3

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# Overview

- Same principles of previous workshops
  - Independent group work
  - Communication-intensive
  - Some degrees of freedom
- Some differences
  - Greater emphasis on implementation and testing
  - More mentoring and technical support
  - Learning a new domain (finance)
  - Opportunities for inter-team software integration

# Assessment

- The assessable components for the course are:
  - Functionality and technical quality of the four prototypes ( $5\%+10\%+15\%+35\%=65\%$ ).
  - Quality of 3 written reports: Initial, Testing and Final Reports ( $5\%+10\%+20\%=35\%$ ).
- All marks will be determined according to a ranking of the teams

# Schedule

- Week1: Introductory lecture. Group Formation.
- Week2: Guest lecture by Optiver. Finalising Groups.
- Week3: Mentoring.
- Week4: Mentoring. Management Report due.
- Week5: Guest lectures by Sirca and IMC. Prototype 1 due.
- Week6: Mentoring Meeting. Design report due.
- Week7: Mentoring. Prototype 2 due.
- Week8: Testing Report due.
- Week9: Mentoring Meeting.
- Week10: Public Demos. Prototype 3 public demos
- Week11: Mentoring Meeting.
- Week12: Final demos. Prototype 4 and Final Report due.

# Organisation

- LIC will mentor teams with 4-5 members
- Some mentoring will be done by tutors
- One mentoring session will be done by industry (week 5)
- Mentoring will take place during lecture slot (Mondays 9am-1pm)
- Teams should be finalised by end of Week 2

# First deliverables

- Project will use data from Sirca
  - [Ausequities.sirca.org.au](http://Ausequities.sirca.org.au)
  - Username/password will be given to every team
  - Sample data file provided
  - Explanations about content of file provided
- Building a module to process data file
  - Momentum Strategy Module (MSM) spec available
  - Web page for each team expected in Week 4
  - First version of MSM expected in Week 5