Final Year Projects

Your other Guide to Success

You and your supervisor

- Employee/Employer Relationship
  They are not your teacher
- Your supervisor will:
  - Guide you on reading
  - Evaluate your work
  - Help you with difficulties
- You will:
  - Attend progress meetings
  - Keep a diary
  - Write reports and programs
  - Use the (private) GitLab we provided as a professional software engineer

Progress Meetings

- One progress meeting at the start of each term
- Twenty minutes to discuss
- Perhaps:
  ◦ Decide the next priorities
  ◦ Review a piece of work
  ◦ Discuss some difficult theory
  ◦ Debug a piece of code
- Prepare for meetings
- Bring your day book

Working on a Project

- Three hundred hours for a Full/MSci unit
- One hundred and fifty hours for a half unit
  - Ten hours per week in either case
- Working to a plan
- Writing up as you go
- Saving your work on your repository
- Keeping your diary up to date
- Using your supervisor meetings to best effect

Professional Issues

I am amazed when I meet computer professionals in business and industry or even computer science teachers in colleges and universities who fail to recognise that their profession has social and ethical consequences

Terrell Ward Bynum (2003)

Ethical behaviour is concerned with what is good or bad, with moral duty and obligation and
as such deals with opinions and beliefs.
Professionalism in computing is concerned with the societal impact of computer technology and the creation and understanding of policies for the ethical use of such technologies.
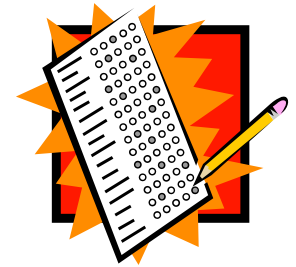
Write it down

- A day **book**, kept by professionals:
  - What you have done
  - Problems that need resolving
  - Notes of meetings
- **Trello is a good idea!**
- A Diary.txt (.md?) file on your GitLab repo
  - 1-2 logs per week
  - Couple of sentences suffice
    (what have I done since last time, next steps)
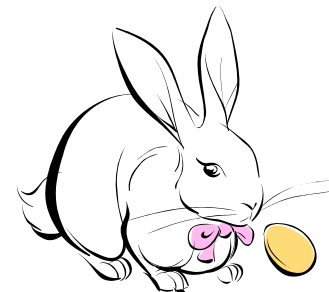 - You get (or lose) marks for this!

Assessment

- Grading grids in the project booklet on Moodle **We use the same grading grids!!!!**
- Detailed assessment by:
  - Your Supervisor
  - A Second Marker
  - A Member of the Projects Committee
- Three assessments
  - Made by judging a variety of deliverables:
    - Reports, Programs, Effort, Presentation, Behaviour, Planning, Technical Achievement, Professional Issues

Plan

- Why are you doing the project?
- What have you read to help you understand the project?
- What tasks will you do (in the first term)?
- When will you start/finish the tasks?
- Why will you do each task?
- What are the risks associated with your project?

December Review

- A Ten Minute experience
  - ... with other students and a member of the project committee
  - .... where you present your work:
    - Your technical achievements
    - Programs you have written
    - Important theory or algorithms
- (Full/MSci Unit Only) An interim report of your work will also be assessed

Final Submission

- One Final Assessment
- You will be judged on:
  - A demonstration
  - A final report
  - Your behaviour
  - Your programs or other deliverables
  - Your technical achievements
  - Your understanding of Professional Issues
- To avoid zero marks you must have
  - Completed your diary
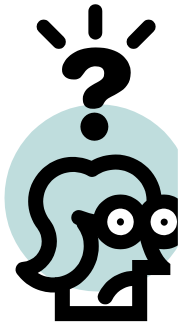 - Made professional use of your repository

Questions

Diary

plagiarism

Dates

Do not be shy

GitLab

Pdf versus word

templates

PLAN

How to Submit

How many meetings