Meng Project COMP 591

Pr. Rida Laraki

Computer Science Department, University of Liverpool, UK

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Module web page

`http://cgi.csc.liv.ac.uk/~comp591/2020-21/`

Individual and Group Projects

An important part of the course:

- A chance for you to work on a substantial piece of work.
- Crucial part of the BCS accreditation of your degree course.
- Supposed to stretch you and allow you to demonstrate your skills.

A 30-credit (double) module

- Group Project (1st Semester) and Individual Project (2nd Semester)
- Worth a quarter of the marks for the entire year
- 300 hours of effort over around 40 weeks means one full day of work per week

Your project is your responsibility

- You can expect guidance from your supervisor (around 6 hours per semester)
- But it's up to you to manage your own time and project schedule
- The end result will depend on how much effort you put in

Hybrid Delivery Model

- Following university guidance, we are adopting a hybrid delivery pattern.
- October-November, your project meetings will take place online (MS Teams).
- As the campus begins to reopen, you might want to meet with supervisor in person.
- Some staff offices are not suitable (shared spaces, too small to respect social distancing) and some staff members may be working from home.
- It's important to maintain regular contact with your supervisor and keep them informed of progress. Don't hesitate to ask for a meeting when you need an advice!

Expected Learning Outcomes

- **Work cooperatively within a team**.
- Taking on various roles on a substantial problem.
- Make practical use of principles, techniques and methodologies acquired elsewhere.
- Manage time both individually as well as a team so as to carry out a project plan.
- Locate and synthesise research information on concepts, ideas, and practices.
- Undertake research on their own on a substantial Computer Science problem.
- Devise as a team an efficient solution using an appropriate methodology.
- Prepare and deliver formal presentations including an overview of the methodology used, the design of a solution
- **Collaboratively produce a report** describing the conduct of the project

Conduct of the project

- **1 week.** Organising the work, meeting the supervisor, completing the bibliography.
- **2 weeks.** Laying the foundations: making precise the aims & objectives; identifying and absorbing the information you need; defining the deliverables; deciding on a methodology; producing a detailed plan.
- **2 weeks.** Coming up with detailed designs. If you are producing a piece of software, the detailed design should be carried out, all aspects of the system - architecture, data structures, algorithms and interface, all fully documented. By the end of this phase you should be clear both as to what you will be implementing, how you will implement it, how you will test and evaluate, and what you will do in the next phase. **More detail work division among the group member should be made, as well as the ways and frequency of interactions.**
- **5 weeks.** You will realise the design you have produced. During this period you should carry out your software implementation, test the software, conduct any necessary experiments, and perform the evaluation.
- **2 weeks.** You will present your project and write up your report. During this period you may find it helpful to discuss an outline of your report, in the form of a table of contents, with your supervisor, and to show your supervisor a draft of your report to get feedback on what you have done.
- Archiving your work - source code, tools, documentation and reports - in such a way that they can be used in future work. You should discuss these with your supervisor.

Calendar for COMP591 (1st semester)

`http://cgi.csc.liv.ac.uk/~comp591/2020-21/calendar.html`

- **Week 2** A clear idea of the project and its requirements is ready.
- **Week 3.** The project specification stage is completed.
- **Week 6.** (assessment). Project specification and design (oral presentation and documentation). The documentation is submitted through the E-project system by Monday 16 November, 2020 (noon). The presentation given within the week of 16-20 November. [20% of project mark]
- **Week 10** (assessment). Final presentation given to the markers in the week 14th-18th of December, 2020. You must submit a pdf copy of your Final Presentation slides through the Comp591 E-project system, by Monday 14th December 2020 (noon).[20% of project mark]
- **Week 12** (assessment). Project report and individual reports submitted on Friday 15 January 2021 (noon). [60% of project mark]

Deliverable / Assessment 1, Project Specification and Design, week 6

- The work to be assessed at this stage comprises both the Project Specification and Design report and its oral presentation.
- This assessment is worth 20% of the project mark.
- There is no page nor word limit for the Project Specification and Design report. Thought I recommend around 10 pages.
- The deadline for submission of the report is Monday 16 November, 2020 (noon) via the Comp591 E-project system.
- The presentation is given during the week commencing Monday 16 November, 2020 at a time arranged by you with the supervisor and the second marker.
- The submitted Project Specification and Design report and its presentation are marked by both supervisors.
- Precise instructions here:
  `https://cgi.csc.liv.ac.uk/~comp591/2020-21/COMP591SpecificationAndDesign(PresentationReport).pdf`

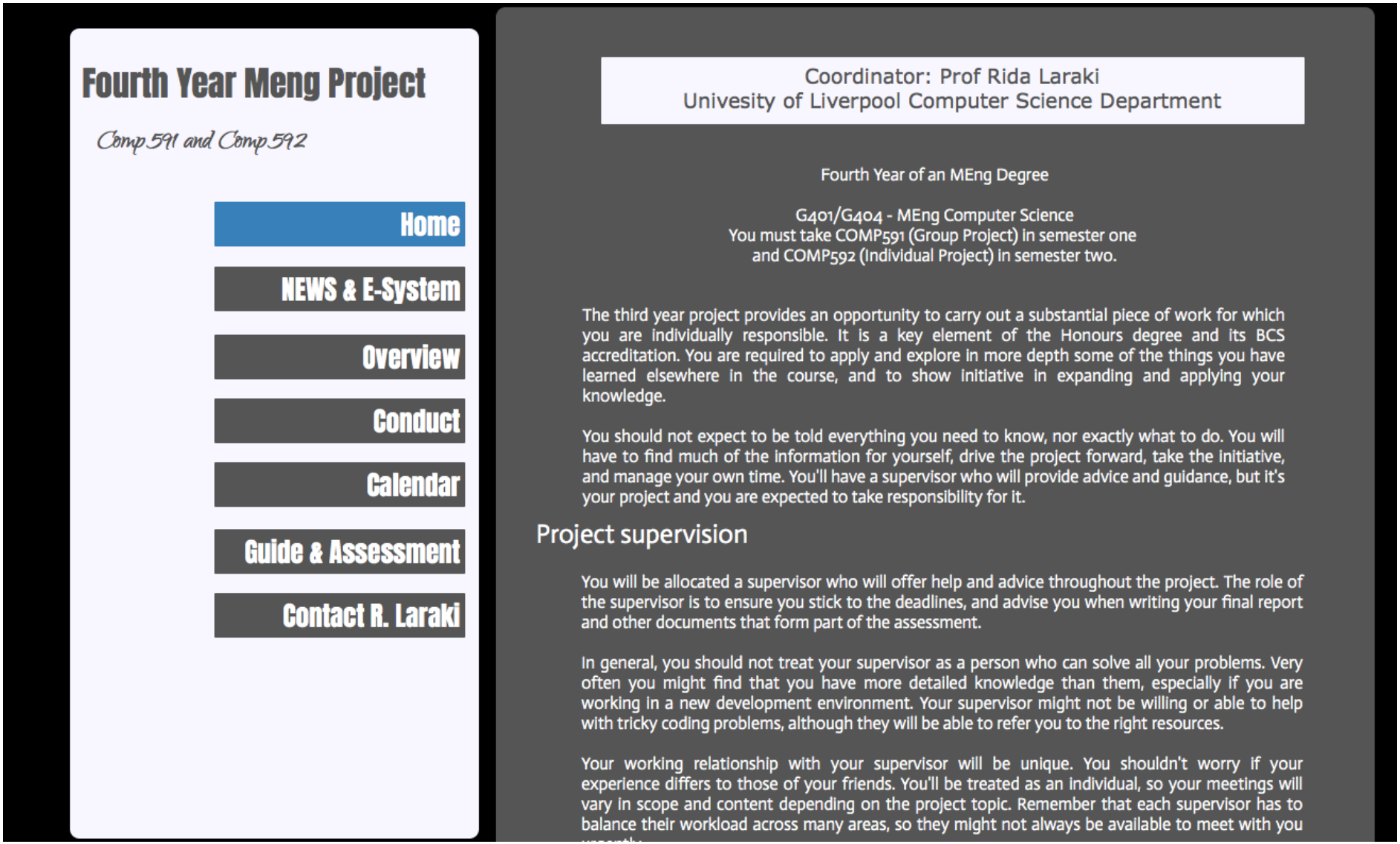
Deliverable / Assessment 2, Project Demo Final Presentation, week 10

- The work to be assessed at this stage comprises the project final presentation and the demonstration of the software produced.
- **Markers should see the software being executed as well as some representative parts of the code**.
- Both the quality of the presentation and the quality of the software should be considered before arriving at a mark.
- The Final Presentation is worth 20% of the project mark.
- The Demo final presentation is held in the week of 14-18 December 2020, at a time arranged by you with the supervisor and the second marker.
- The deadline for submission of slides is Monday 14-18 December 2020 (noon) via Comp591 E-project system.
- Precise instructions here:
  `https://cgi.csc.liv.ac.uk/~comp591/2020-21/COMP591ProjectFinalPresentation.pdf`

Deliverable / assessment 3, Final and Individual Reports, week 12

- The work to be assessed at this stage comprises both the group Joint Final Report and Individual project reports.
- The project report is worth 60% of the project mark.
- The Joint Final Report must be self contained, and contain a complete record of the work carried out.
- A target of 10,000 words is recommended, with a maximum of 15,000 words.
- **Appendices will not be included in the maximum word limit**.
- You should also include the code of your software (zip format).
- An individual project report must be up to two A4 pages, outlining an **individual contribution** to the project and **learning experience**.
- The deadline for submission of the project report is Friday 15 January 2021 (noon).
- Precise instructions here:
  `https://cgi.csc.liv.ac.uk/~comp591/2020-21/COMP591FinalReportndividualReports.pdf`

http://cgi.csc.liv.ac.uk/~comp591/2020-21/index.html



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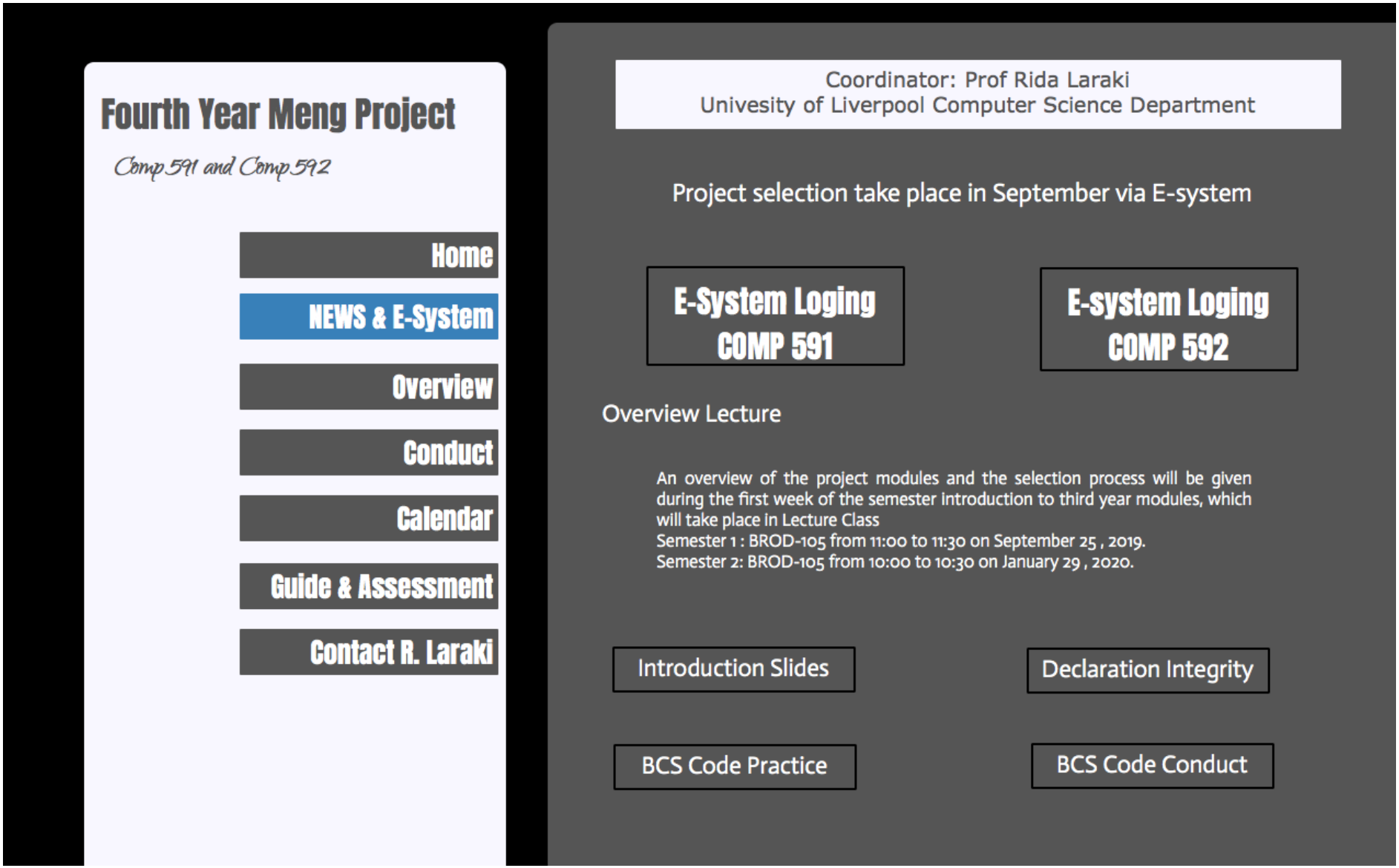

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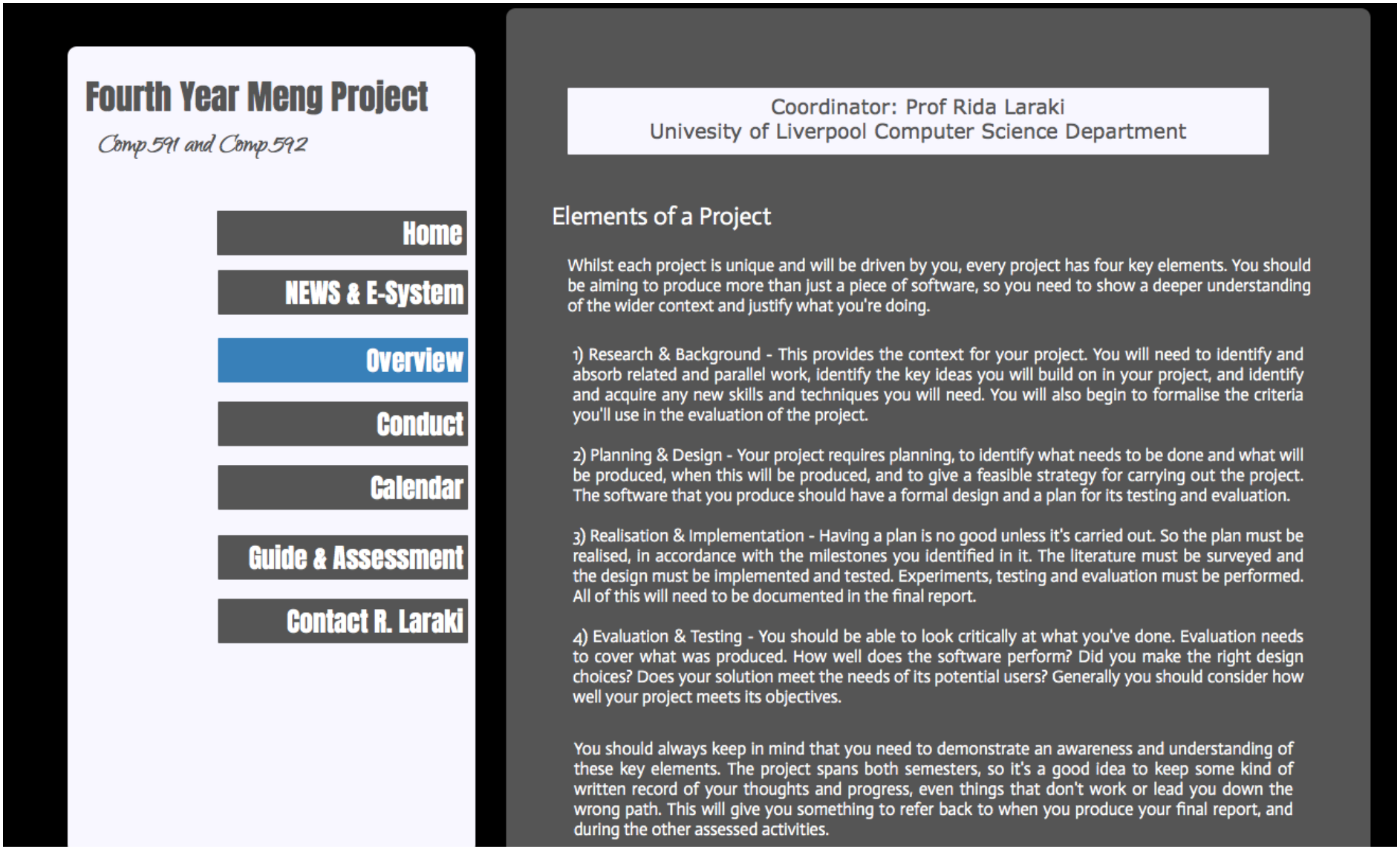

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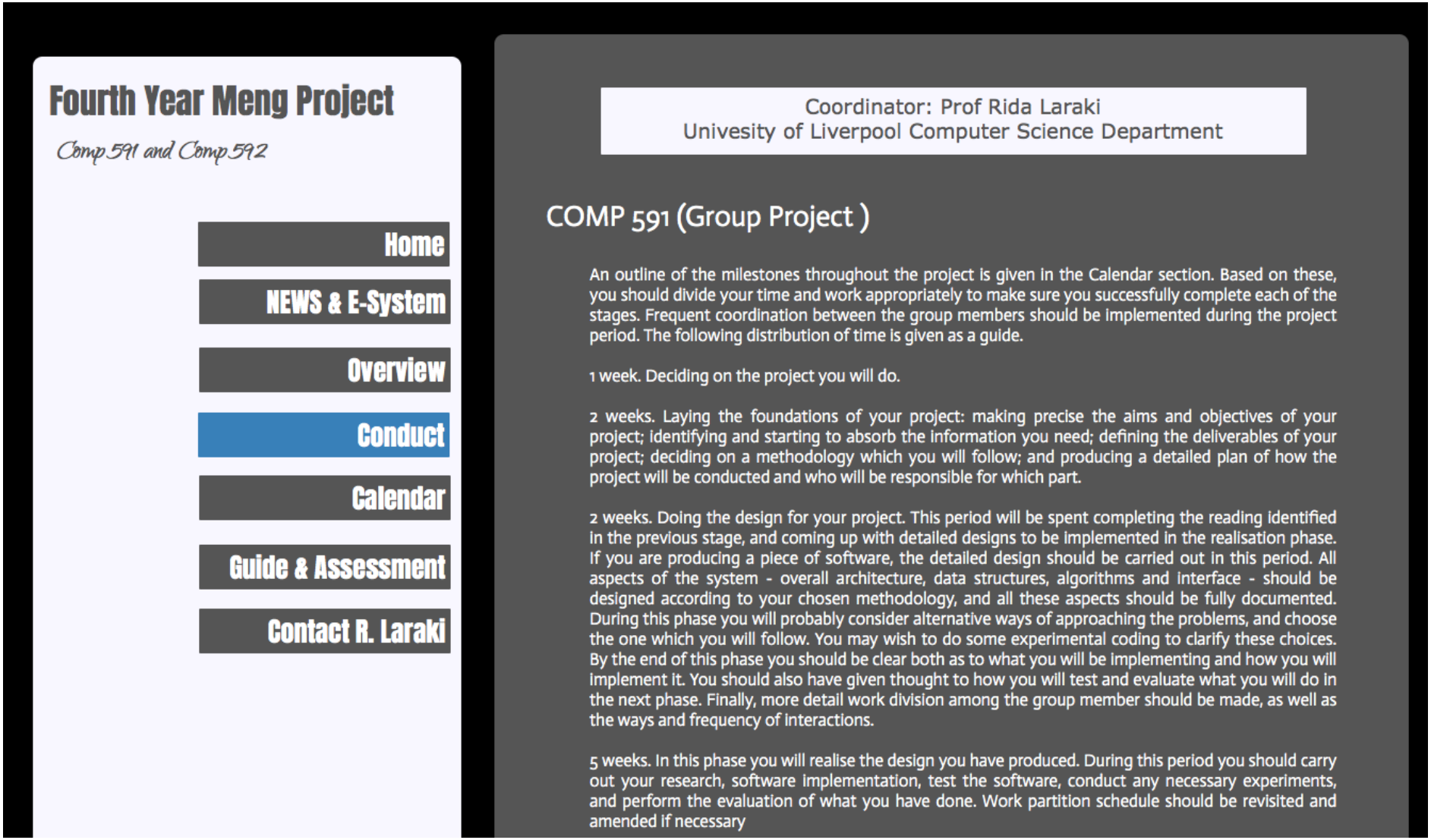

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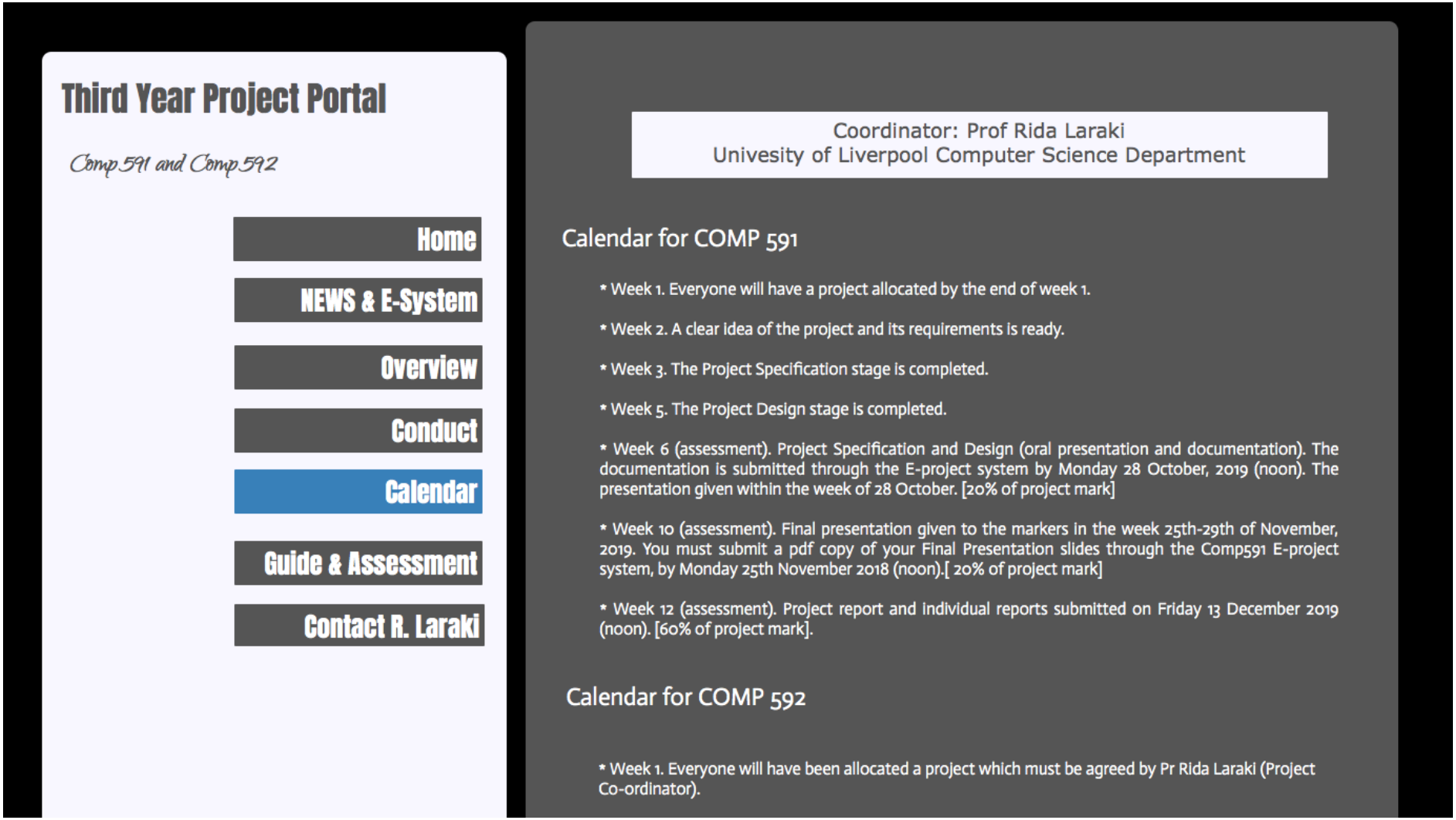

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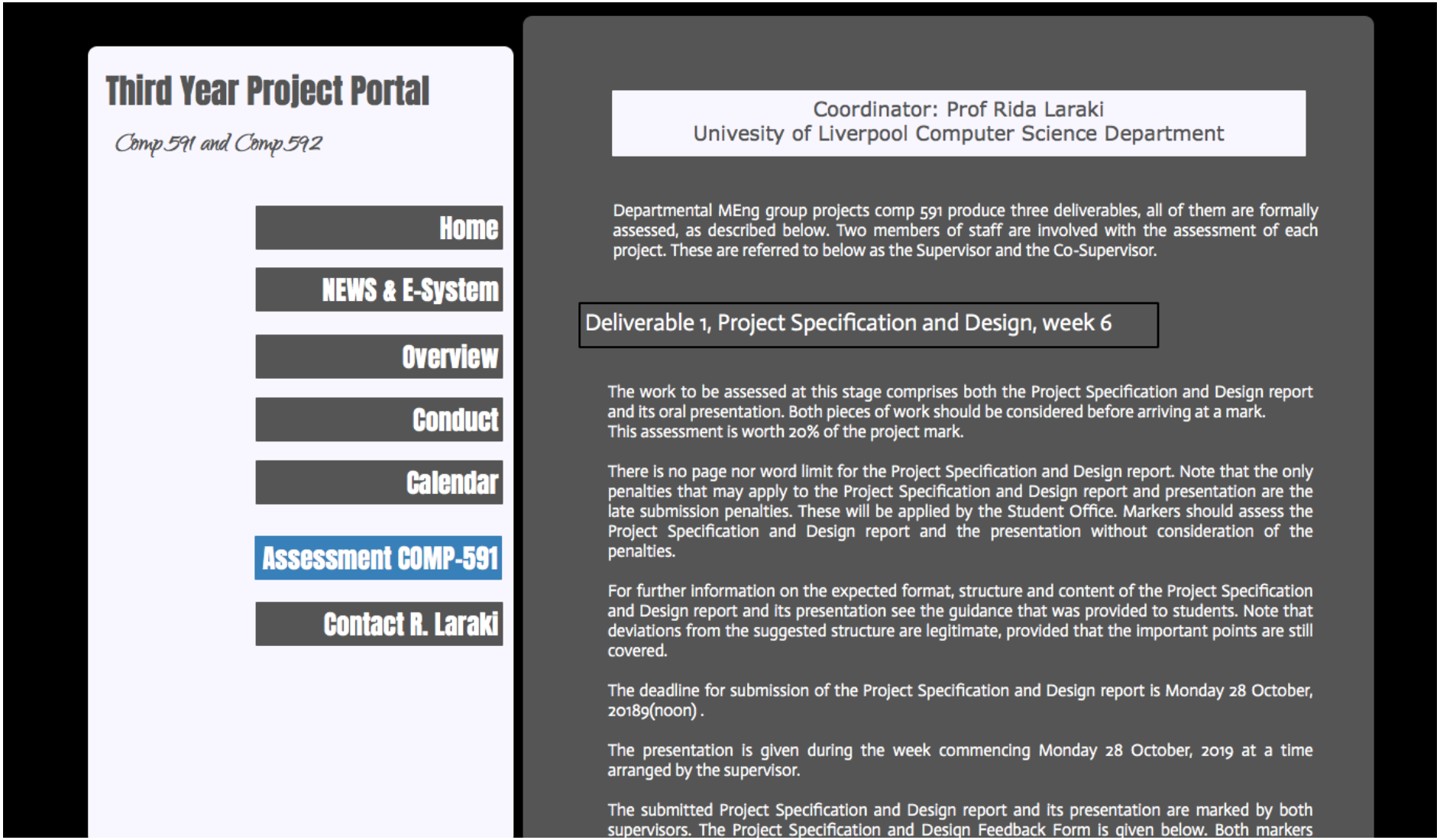

Third Year Project Portal

Comp 591 and Comp 592

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NEWS & E-System

Overview

Conduct

Calendar

Assessment COMP-591

Contact R. Laraki

Coordinator: Prof Rida Laraki
Univesity of Liverpool Computer Science Department

Departmental MEng group projects comp 591 produce three deliverables, all of them are formally assessed, as described below. Two members of staff are involved with the assessment of each project. These are referred to below as the Supervisor and the Co-Supervisor.

Deliverable 1, Project Specification and Design, week 6

The work to be assessed at this stage comprises both the Project Specification and Design report and its oral presentation. Both pieces of work should be considered before arriving at a mark.
This assessment is worth 20% of the project mark.

There is no page nor word limit for the Project Specification and Design report. Note that the only penalties that may apply to the Project Specification and Design report and presentation are the late submission penalties. These will be applied by the Student Office. Markers should assess the Project Specification and Design report and the presentation without consideration of the penalties.

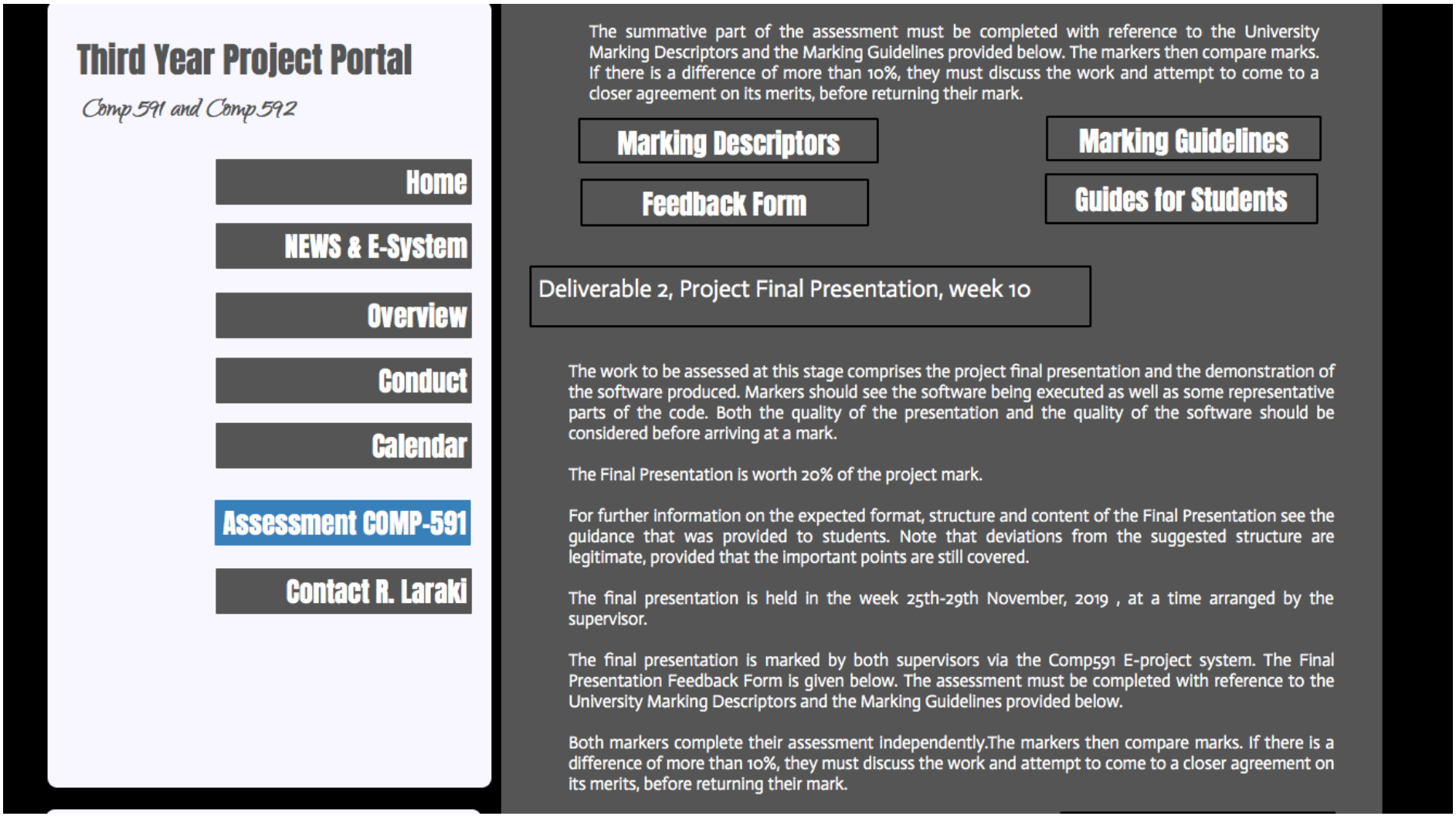
For further information on the expected format, structure and content of the Project Specification and Design report and its presentation see the guidance that was provided to students. Note that deviations from the suggested structure are legitimate, provided that the important points are still covered.

The deadline for submission of the Project Specification and Design report is Monday 28 October, 20189(noon) .

The presentation is given during the week commencing Monday 28 October, 2019 at a time arranged by the supervisor.

The submitted Project Specification and Design report and its presentation are marked by both supervisors. The Project Specification and Design Feedback Form is given below. Both markers

http://cgi.csc.liv.ac.uk/~comp591/2020-21/assessment.html



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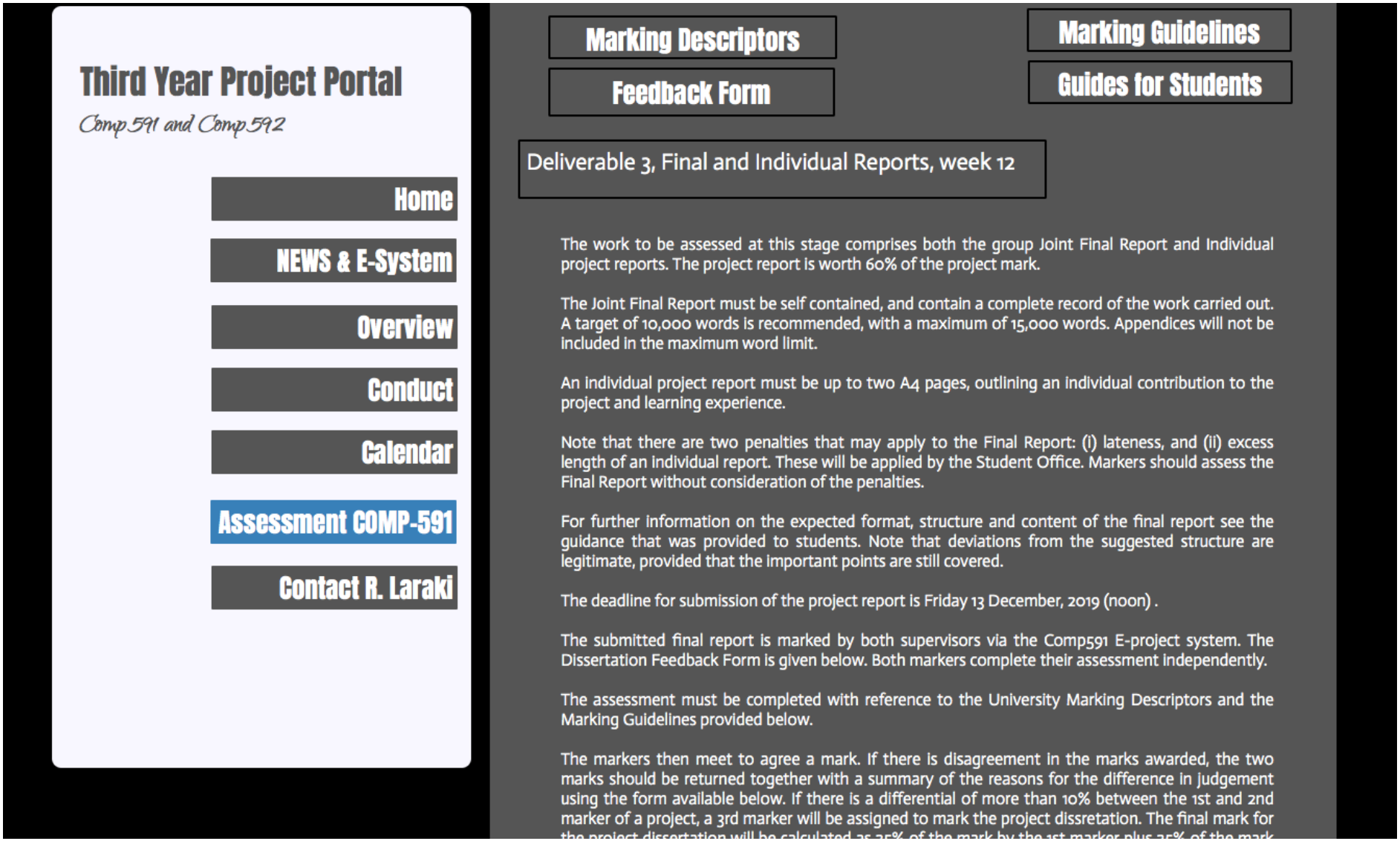

Contact

rida.laraki@liverpool.ac.uk