

# Automated Commentaries for Simulated Soccer

## Project Description and Deliverables

Audience	All
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# Automated Commentaries for Simulated Soccer

## Sign-off sheet

**Date: 14/03/2007**

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\* By signing this document you approve that the entire contents of the deliverable has been reviewed and is in line with the objectives of the project.

## Automated Commentaries for Simulated Soccer

### Description of our Project:

Robocup is a competition for simulated and robotic football where the players are controlled using AI programs. The aim of this project will be to automatically generate commentaries for Robocup games, and play these alongside the game in real time using speech synthesis.

The project would consist of:

1. Reviewing the small amount of existing work in this area
2. Developing a program
3. Evaluating the success of the program.

### The project deliverables

The outcomes of the project (the "deliverables") comprise:

- An informative poster for display at the project fair;
- A technical report;
- A well-indexed corpus of material that supports the achievements claimed;
- Possibly, one or more artefacts (typically computer programs, but possibly taking other forms, such as a VLSI chip design);
- An individual report.

These deliverables are described in the following sections.

### The poster

There will be a *Poster Fair for Computer Science projects* mid way through the Spring term (**Wednesday of Week 19 - 21st February 2007**). All CO600 and CO620 projects are required to prepare a poster for this event.

The poster should be aimed at informing (and possibly entertaining?) your colleagues about the problem/task/topic your project was investigating and for show-casing your work to the wider world.

Your final poster will be printed (by the lab) in full colour in A2 size (i.e. approx 42 x 59 cm) for exhibition at the fair.

### Poster preparation

- We ask that you prepare your poster as a PowerPoint file. (This is the only format we can guarantee will print any embedded images correctly on the department's ink-jet printer.)
- Please be sparing in your use of large slabs of colour (it is very expensive to print!). In particular, **please do not use a coloured background for your poster.**

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- Your poster may be either portrait or landscape format.
- It should carry the "Kent" logo (you can find copies of this [here](#)).
- Initially, you should print an A4 draft of your poster and discuss it with your colleagues and your project supervisor. Then, when you have finalised it, you should submit the .ppt file for printing to the relevant one of either \\raptor\files\proj\co600\posters\, or \\raptor\files\proj\co620\posters\.
- The poster files must be submitted electronically before the deadline:

**The deadline is 4pm on the Friday of Week 17 (9th February 2007).**

### **The technical report**

This report should be written in the style of an academic paper and should describe the scientific/technical outcome of the project. Here is some advice <http://www.cs.kent.ac.uk/CO600/report.html> on the content and structure of your report.

You are advised to start work on the report round about the start of the Lent term.

The quality of the technical report will be judged according to the criteria for technical accuracy and clarity of expression normally applied when refereeing academic papers.

### **Length**

The report (excluding any appendices) should not normally exceed:

- 8 pages (for CO600 projects);
- 12 pages (for CO620 projects).

Any appendices will generally be short and terse; you should not use the appendices as an "overflow" for the main text.

### **Submission**

The report should be submitted, along with the other deliverables (see below) to the Course Administration office in the form of a single-sided A4-sized paper document.

A completed cover sheet should accompany the submission.

In addition, a PDF file version of the report should be produced for publication on the web (for perusal by future project students). Advice on how to use the MyPDF utility to translate documents into PDF format can be found at: <http://www.cs.kent.ac.uk/systems/mypdf.html>

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Your PDF file should be given the name report.pdf and should be loaded into the appropriate subdirectory under \\raptor\files\proj\co600\techrep\ or \\raptor\files\proj\co6020\techrep\.

### **Previous years' reports**

Reports submitted for CO600 and CO620 projects in previous years are available at:

<http://www.cs.kent.ac.uk/pubs/ug/>

(Please note that the guidelines under which previous years' reports were produced are *not necessarily the same as the present guidelines.*)

### **Corpus of materials**

This may include literature reviews, specifications, analyses, designs, implementations, user documentation, testing schedules, and so on, depending on the particular project.

For group projects, it must include minutes of meetings.

You are asked to provide this material in the form of a CD-ROM, with a short (no more than 2 page) paper index.

The CD-ROM should include (as a top-level file named index.html) an HTML index listing all deliverables and their authors with hyperlinks to the individual files on the CD-ROM. Here is a sample:

<http://www.cs.kent.ac.uk/CO600/corpus.html>

The files on this CD-ROM should, to the greatest extent possible, use standard, non-proprietary formats (such as .txt, .html, etc.) for the files. However, documents in common MS Windows formats (such as .doc, .xls, etc) that are readable on the standard university desktop are acceptable. You should use a standard, non-proprietary format for the file system on the CD-ROM. If in doubt, consult your supervisor.

The CD-ROM should be submitted in suitable resilient packaging and should be clearly labelled with: the module code (CO600 or CO620), the current year, the name of the project, and the names of the individual student(s).

### **The individual report**

This report should be an assessment of the progress of the project and reflections on what you have learnt from undertaking it. It should not be a repeat of other material delivered as part of the project. It should be about one page in length and should be submitted as a paper document. The contents of individual reports are deemed to be confidential and are not revealed to other members of the group.

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For group projects, it should also include a description of the particular activities and outcomes that *you have contributed to the project*, and of how your group has worked together.

### **Submission of deliverables**

The deliverables (with the exception of the poster, the PDF file and the individual reports) must be submitted, to the Course Administration office, before the project deadline:

**The deadline is 4pm on the Thursday of Week 23 (22nd March 2007).**

The PDF file containing the Technical Report for each project should be submitted within two working days of the above deadline.

Your own individual report should be submitted individually to the CAS office, no more than two working days after the above deadline.

Extensions to the project deadline are given only in the most exceptional circumstances. You are *strongly advised* to print items and to burn any CD-ROMs *well before the project deadline*. Failure of printers, file-servers, etc., near the deadline is always possible and any such failures are not considered justification for late submission.

### **The viva**

The last stage of the project is the *viva voce* examination. This is a short oral examination conducted by the project supervisor and another member of staff.

The purpose of the viva is to help assess your particular contribution to the project, your understanding of it and your general background knowledge of the field. The vivas are conducted on an individual basis and, typically, last for about 20 minutes. Towards the end of the viva, you will be invited to add any further information on any aspect of the project that you would wish to be taken into consideration.

The viva may be preceded by a short demonstration of any artefacts (for a group project, this will take place collectively). <>The viva takes place after the project deliverables have been submitted (either at the end of the Lent term or during the Trinity term).

### **Assessment**

After the vivas are complete, the examiner and supervisor will allocate a mark for each individual. The mark will be defined with respect to the intended learning outcomes (both specific and generic) defined in the CO600/CO620 module specification.

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The marks for the overall module are available after the "Finals" meeting with the external examiner.