

EECS 314 Class Project Specification

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1 Description

You will choose a group of 3 to 4 students, who will work on a relatively complex program written in MIPS assembly language. You will be required to choose your own topic, though sample topics will be displayed on the Blackboard web site. Be creative about choice of topic. The deadline for the project will be the last day of class, and both TA's should receive a copy of the code (via email) as well as the hardcopy of the project report by that date. More details about the project report will be provided later.

One-page project proposal (hard copy) is due on Thursday, February 24 in class, one per group. It should contain:

1. Group name (optional)
2. Name of the participants in a the group
3. Project title
4. One paragraph description about the project including the input/output interface
5. 2-3 sentences on how the task will be divided among the participants

The instructor will go over each project proposal and suggest modifications if necessary. Once the proposal is approved by the instructor (via email), you need to start implementing it using the SPIM platform.

2 Judgement

Besides the project report and code, this project involves an optional presentation, whereby you will be asked to demo your application to the class as well as a panel of judges. This is typically held at the last day of the class. The top three projects will have a chance to receive some token prizes (e.g. a box of chocolates). There may be some extra credit or other kinds of incentives to actually perform the demo. Although presentation/demo is optional, all students are required to attend it.

Each project will be evaluated based on: 1) novelty/createvity; 2) completeness; 3) complexity; and 4) quality of report.

3 Contribution

This project is a significant part of your grade (25%). It is a good idea to start the project early – don't leave it until the last minute! If you're struck, or have a question, feel free to visit the instructor or the TAs during office hours.

An useful document on MIPS file access using SPIM is posted in the "Assignments" section at the Blackboard site!