

CSC402/502 - Final Project Proposal

Fall 2017

Due Thursday 11/16 in Sakai

Please write a 1-2 page project proposal for your final project in CSC402/502. The final project must be an implementation of a computer language. This might be a domain specific language, like a game scripting language or a special calculator language or it can be the subset of some general purpose programming language like C or Python.

Your proposal should include the following sections:

Overview - a brief description of your project in several paragraphs.

Language Example - write a short, typical program in the proposed language, e.g., if you were to suggest an implementation of Cuppa3 you might write something like this as an example:

```
// compute the factorial value of x
declare fact(x)
{
    if (x == 0)
        return 1;
    else
        return x*fact(x-1);
}

// ask user for a value and compute the factorial
declare n;
get n;
put fact(n);
```

If the language is not self-explanatory write a few sentences about its syntax and semantics.

Milestone Schedule - Write a list of the major milestones you plan to meet between now and the end of semester. With the exception of two or three more homework assignments over the next 6 weeks you will be able to commit to your project. Your project can start as soon as the proposal has been accepted.

Resources Required - A list of resources that you need in order to complete your project. This includes hardware, software, databases, etc.

Submit proposal to Sakai by Thursday 11/16 in Sakai.