

Project Statement

A Content Management System (CMS) is a web platform which allows users to design their website (within limits) and populate the pages with content. A user must log in to edit/design the website. The design phase will allow the user to edit the look and feel of the website, adding pages and menu items as desired. Content is then added to the webpage by uploading that content and associating it with objects as specified by the user. E.g. A picture will exist in a frame which the user specifies during design. That picture is stored in a database, along with all other user uploaded content. This allows for content to be swapped into frames dynamically. E.g. pictures being rotated into a frame. This requires the system to operate in two modes, editing mode, and live mode. Clients of the system may remotely edit the content.

The contractor of this system is limited in computing resources, and has thus required that only Department of Computer Science equipment be used to host the system. The system administrator has assured the contractor that PHP and Postgress are available for use. Due to legal reasons, no outside computing resources can be used. It is the contractee's responsibility to ensure all designs run on the specified computing resources. For further information, please consult Cale Fairchild.

The contractor will rank the finished product on robustness, functionality and stability of the product. The contractee will be responsible for design decisions, implementation, and documentation. A winning product will have a wealth of features to allow fluent web design, be well tested and stable. A professional tester has been hired to evaluate all projects and rank them (course TA). It will be the contractee's responsibility to ensure timely completion and meet all deadlines.

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