

Problem Statement

Team: The Outsiders

Kirk Montour (montour)
Syed Gardezi (gardezsh)

April 8, 2017

Contents

1	Content Management System Motivation	3
2	Detailed Objectives	3
3	Assumptions	3
4	Constraints	4
5	Challenges	4

1 Content Management System Motivation

Companies spend lots of money maintaining their websites. Companies have to hire a full-time web administrator, or have to outsource their web administration which is very expensive. There must be a more cost-effective way to maintain a web presence. A company could save a lot of money if they could just update their websites themselves. A Content Management System is the perfect software to rectify the situation because a Content Management System allows non-technical people to update their websites themselves. If you can use a Word Processor, you can update a Content Management System. If you can update a Content Management System, you can maintain your own website. If you can maintain your own website, you can save lots of money.

2 Detailed Objectives

- Our team would like to facilitate day to day website maintenance for non-technical users
- Facilitating website maintenance for non-technical users reduces website maintenance costs
- Non-technical users will be restricted to creating static web pages

3 Assumptions

- Users of Content Management System have no experience with HTML
- Users of Content Management System have no experience with javascript
- Users of CMS have no experience with CSS
- Users of CMS have no experience with PHP
- Users of CMS have some experience with a word processor
- Users of CMS have web surfing experience
- Users of CMS have experience navigating a website
- Users of CMS have some experience with registering with websites
- Users of CMS have some experience with filling out web forms

4 Constraints

- Our project is constrained to static pages, cannot expect non-technical users to create dynamic database driven pages
- Non-technical users will have to choose one of the pre-installed themes for their website, cannot expect non-technical users to create a theme

5 Challenges

- Seeing contingencies for non-technical users ahead of time
- Adhering to the MVC paradigm
- Designing and co-ordinating all the different modules
- Designing the database and database components
- Designing a user-friendly UI
- Researching different technologies