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# Table of Contents

1. [**Table of Contents**](#h.gjdgxs)
2. [**Project Proposal**](#h.30j0zll)
3. **Project Tools**
4. [**Project Management & Timeline**](#h.1fob9te)

# Project Proposal

The project that our team will be working on is a web search engine.

A web search engine is a web-based tool that is designed to search and locate information on the World Wide Web. Popular examples includes Google, Yahoo! and Bing. These Search engines utilize automated software applications (referred to as robots, bots, crawlers or spiders) that travel along the Web, following links from page to page, site to site. The information gathered by the spiders is used to create a searchable index of the Web. The search results are generally presented in a line of results often referred to as search engine results pages (SERPs). To acquire results from each search query, web indexing (or internet indexing) will be used to indexing the contents of website. Using indexing, the search will use keywords and metadata to provide useful search results. The information may be a mix of web pages, images, and other types of files. Some search engines also mine data available in databases or open directories. Search engines also maintain real-time information by running an algorithm on a web crawler.

**Quick Search (Cyber Miner Web Search Engine)**

# Team Information

Team Name

* Web Searchers

Team Members

* Sruthi Chappidi sxc105920
* Barbara Maweu bmk101020
* Maryellen Oltman mco130030
* Twinkle Sharma txs151730

Software Tools

* Documentation Tool: Microsoft Word
* Development Tools: Java, J2EE, JDBC MySQL

Team Website

* http://www.utdallas.edu/~maryellen.oltman/

# Project Management & Timeline

**Phase 0:**

Phase 0a: Preliminary Project Plan

Deliverables: Project Plan Report

Due Date: September 3, 2015

**Phase 1**:

Phase 1a: Interim Project I

Deliverables: Preliminary Definition, PPT, and Presentation

Due Date: September 29, 2015

Team Leader: Barbara Maweu

Phase 1b: Final Part I

Deliverables: Project Report, Presentation, Design Plans  
 Due Date: October 15, 2015

Team Leader: Sruthi Chappidi

**Phase 2**:

Phase 2a: Interim Project II

Deliverables: Outline, Project Plan, Presentation

Due Date: November 10, 2015

Team Leader: Maryellen Oltman

Phase 2b: Final Part II

Deliverables: Project Plan, Projects I & II, Dependencies, Presentation, Demo  
 Due Date: December 1, 2015

Team Leader: Twinkle Sharma