Project Plan – Team 203

Goal

The goal of this project "CopyCatch" is to provide a medium for students to upload assignments which can be scanned for plagiarism by the professors in an academic setting.

Objectives

1. To provide customer satisfaction by designing an interactive and user-friendly interface for students to upload assignments.
2. To reduce significant amount of the Professor's time by automating the plagiarism check in contrast to manual checking.
3. To provide a detailed report of the results of plagiarism to the Professor.

Target Programming Language:

Python

Infrastructure:

Application type: Web Application
Front-End: AngularJS 1.0, HTML, CSS, JQuery, Bootstrap
Back-End: Java, Spring Boot
Automated Testing: Junit
Version Control and Issue Tracking: NEU Github
Database: MySQL Relational Database System
Integration Environment: Amazon Web Services
Documentation: Confluence

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Road Map

Sprint Number	Timeline	Deliverables
1	20th Jan - 2nd Feb	• Use cases • Mockups of UI • Project Plan
2	3rd Feb - 16th Feb	• Java Interfaces • UML Diagrams • Confluence Documentation
3	17th Feb – 2nd Mar	• Setting up Development Environment (AWS, SpringBoot, RDS, Jenkins) • Creating Login, Register and Profile Pages for different users • Creating Database Schema • Implementing algorithm – phase I
4	3rd Mar – 16th Mar	• Creating Student and Professor related pages • Implementing algorithm – phase II • Linking Student and Professor UI to database • Project Status Update Presentation
5	17th Mar – 30th Mar	• Complete algorithm implementation and UI • Regression Quality Assurance testing • User Acceptance testing by TAs and other teams • Fixing bugs • Refactoring Code
6	31st Mar – 13th April	• Fixing bugs and issues • Final Presentation