**Vision Statement**

**Revision History**

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| --- | --- | --- | --- |
| Version | Date | Description | Author |
| Inception Draft | 1/29/15 | First Draft. Will be revised 2/3/15 after receiving feedback in class. | Michael Biecker, Kenneth Eickenhorst, Thomas Jemison, Alec Mersmann, Jared Russell |
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**Introduction**

We envision a web based application to prevent plagiarism at Northern Kentucky University. This plagiarism detecting web application will help students, professors, and administrators of NKU prevent cheating. They will be able to detect cheating off of other student work or authors/businesses outside of NKU.

**Positioning**

High Level Goals

* Help university cut back on plagiarism and ensure that students are earning their degrees.
* Give professors an easy all-in-one method to check student work for plagiarism off of other NKU student work and external business/author work.
* Allow students to check that their work is original before submitting to professor.
* Gather a large database of work to check against for plagiarism.
* Being able to determine where students are plagiarizing their work from.

User Level Goals

* *Student*: Check for originality
* *Professor*: Check for cheating, Upload work for references, Create accounts, Change settings
* *Admin*: Manage accounts, Manage database, System usage/feedback
* *Business/Author*: Upload work

**Product Overview**

Use Case Diagram



Summary of Benefits

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| --- | --- |
| Supporting Feature | Stakeholder Benefit |
| Checking for plagiarism against all work that is stored in the database. | Professors can easily check student work for plagiarism against many sources at once. |
| Professors can report plagiarism to administrators as soon as it is detected. | Administrators of NKU can cut down on cheating and ensure that students are receiving a better education. |
| Students can check their work for originality against all work that is stored in the database. | Students can check their work and make sure that it is original before turning it in. |
| Businesses and authors can upload their work to the database so student work will be checked against it for plagiarism. | Businesses and authors will be able to prevent students from plagiarizing their work. |

Summary of System Features

* Professors can check work for plagiarism against files stored in database
* Students can check their work for originality against files stored in the database
* Give feedback on what was plagiarized, highlight the lines that were plagiarized and/or give visual feedback such as a graph
* Creating users (student, professor, administrative, and business/author users)
* Managing user settings
* Uploading files to database, this can be student work or external work
* Administrator ability to maintain the database
* Reporting of plagiarism to NKU administrators when it is found
* Ability for professors to log in an view results of past assignments

Other Requirements and Constraints

* This system will start off having no content in the database and needs files in the database to check against for plagiarism. Therefor we will need to have work added to the database before it will be useful.
* The database will become very large once lots of files are uploaded so we will need to make sure to maintain the database and keep the speed of our application.