Vision Statement

Version	Date	Description	Author
Inception Draft	**02/16/2017**	**First draft. To be refined during elaboration**	**Jared Bryant**
Second Draft	**02/19/2017**	**Second draft. Elaborating on first draft**	**Ethan Perry**

Introduction

We envision an educational social network site for Northern Kentucky University students known as NKUNet. The system will be able to support multiple business rules, and be flexible enough to implement them. The system should support multiple operating systems.

Positioning

Problem Statement

Current and former NKU students do not have a central hub where they can communicate with each other. Current students do not have resources to reach out to past alumni for advice or guidance while on campus.

Product Position Statement

NKUNet is the social network for NKU students, by NKU students. It has "stripped the fat" from other sites, and provides a simple and easy way for fellow Norse to connect with each other, and discuss whatever they like. Using an easy to understand voting system, you will be able to easily see what has your fellow Norse buzzing. Whether it's the new restaurant on campus, the big game, or the party everyone is going to, NKUNet will be the place to talk about it. Students can also use the network to reach out to NKU alumni for guidance on course choices, or advice on current classes.

Alternatives and Competition

Facebook

Twitter

Reddit

Stakeholder Descriptions

Stakeholder(Non-User) Summary

University: The main client that will take delivery of the system. Provides requirements for how the system should operate.

Project Managers: Manage the project from start to finish. Coordinates with the University, and the development team.

Development Team: The programmers that develop the system. Take requirements from the University and Project Manager and turn them in a functional system.

User Summary

Student: The primary user of the system. Will post and answer questions, as well as interact with faculty, and view their class info

Faculty: Another end user of the system. Will post and answer questions similar to students.

Registrar: Another end user of the system. Will create users in the system

Administrator: The administrators of the system. Will moderate the question forums, as well as creating new users and testing the system.

User-Level Goals

Student: Sign in, post question, answer question, view schedule, view user profile

Faculty: Sign in, post question, answer question, view user profile

Registrar: Sign in, create users, upload class schedules

Administrator: Sign in, edit questions, deleted questions, create users, create other administrators, upload class schedules, test system

Product Overview

NKUNet will be an educational social network site for NKU students. Students will be able to pose questions to one another, and to faculty members. Questions are then voted on, and answered. Student and faculty users will be able to sign in, and post questions, as well as viewing and answering questions that have been posted by others. Users will be able to vote on the questions that have been asked. Each user has a user profile page that contains their reputation (a score calculated on how their questions have been voted on). If the user is a student, the profile page also contains a link to their class schedule.

Product Perspective

The NKUNet will reside on a server. User information will be stored in a database. It can be accessed from any client with valid credentials. It will provide services to users.

The NKUNet is an independent system, and does not have interaction with other NKU systems.

Summary of Benefits

Students can interact more fully with other students in an online environment.

Faculty can see what popular questions are being asked regarding their classes, and tailor the classes to answer these questions before they need to be asked.

Voting on questions increases the likelihood of questions being relevant to all users

User profile pages allow users to easily view their reputation in the online environment

Licensing and Installation

The application will be free. It will be accessed via a web browser, but only NKU users will be allowed to authenticate.

Summary of System Features

- Add users
- User authentication
- Forum posting
- Edit and delete posts
- Vote on posts
- Search posts
- User pages

Other Requirements and Constraints

Development Environment: The app will be build using the Ruby on Rails framework

Team Repository. The repository will be git based, and use the Github Classroom

Deployment: The app will be deployed in the container based cloud platform Heroku.