CIS-320

**System Requirement**

System Requirements describe the business requirements for a new system. Who will use the system, what the system will do, and where and when it will be used? System Requirement focuses on the functional Requirement and Non-Functional Requirement.

**Functional Requirement:** Describe how the system behaves, and what is the function of the system. Functional Requirements include all the things that are required by the system to function well. It is basically what needs to be developed. Functional Requirement include:

* 1. System will be using Plone.

Website

* 1. The website will allow visitors to send messages directly to the UofL Office of Research and Innovation through contact us form.
  2. System will run on an external hard drive.
  3. System will have a firewall.
  4. The website will allow members and administration to upload files.
  5. The website will allow members and administrators to download files.
  6. The website will allow visitors to view events.
  7. The website will allow administrators to add pages
  8. The website will allow administrators to edit pages.

1.10 The website will allow administrators to delete pages.

1.11 The website will allow members and administrators to download files

Ability to protect.

* 1. System will have its own payment management systems.
  2. System will have a work environment.
  3. Information organized:

Information should be organized.

* 1. Able to see Statistical Reports

users should be able to see statistical Reports.

* 1. Community involvement:

Community supports should be included

**Non-Functional Requirement:** Describe the characteristic of a system.

Operational:

* 1. system will run in window’s environment
  2. The system will be integrated with the current system.
  3. The system will be able to operate in Mac OSX Environment
  4. The system will be optimized to operate on all web and mobile browsers.

Performance:

* 1. system will be user friendly.
  2. System will easily navigate.
  3. The system will be operational 24/7.
  4. system will execute in two seconds or less.
  5. system will update social media feeds every minute.
  6. System will be organized well and be informative.
  7. System will run functional calendar and events

Security:

1.1 System will Improved data storage

1.2 system will provide updates.

1.3 The system will have industry-standard security

Culture/Political:

* 1. Community supports

System will have community support