***User requirements:***

* Allowed to register unto the system only through user id
* Allowed to login to the system
* Users should have access to the student academic advising forums
* Users should be able to interact with the forums
* Users are able to manage their own profiles
* Users are able to comment on all the forums that they are given access to
* Deans and Head of Departments (H.O.D.s) are able to manage department reports
* Only allowed users are able to start threads/posts on the forums
* Teaching staff are able to advise students on a forum specified to academic advising
* Tutors are given the same access as students with similar access to teaching staff
* Give alerts to users about significant changes to their academic standing

***System requirements:***

* The system shall be a menu driver interface with dialog boxes to help all users understand what each function does.
* The system should backup all data daily, weekly, monthly and bi-yearly.
* System should undergo maintenance every month
* Use of screen prompts, flags and alerts to notify users of certain events
* Connection with backend databases for the retrieval of data to display to users

***Functional requirements:***

* All users should be able to login to the system
* All users should be able to register into the system
* All users have access to the student academic advising forum
* All users have access to view the Notice forum
* All users should be able to view their profile
* All users should be able to update their profile
* Restrict all user information to their dedicated faculty
* The system will automatically grant them the required access level according to their status.
* All users will have access to forums on the website
* The forum can be used to share information within certain groups
* System administrators should be able to manage any restrictions on all users’ account
* Students should be able to gain access to forums
* Students should be able converse on the forums
* Students should be able to make an alert to a particular question that they have on the forum(TBC)
* Students should have access to the get Academic Advising
* Students should be able to choose any of the situations within Academic Advising
* Student should be given an alert that they are on warning
* Students should be given an alert if they are on RTW
* Students should have access to their student Profile
* The student Profile should allow users to view their individual Transcripts, Degree Statistics, profile information and Degree Audit information
* Tutors should have the ability or limited to similar restrictions as students
* Tutors have access to the Staff forum
* Teaching staff able to make posts on forums for students to access
* Teaching staff have access to the Staff forum
* Teaching staff are able to view a student’s Transcript upon request and given access
* H.O.D.s have access to the Dean forums
* H.O.D.s are able to make posts on the Notice forums
* H.O.D.s are able to manage Department reports
* H.O.D.s are able to manage Course reports
* Administrative staff are able to pull up Student records on request with required access

***Non-functional Requirements:***

* Scalability- they system should be able to handle 10000 users accessing the site at the same time
* Capacity- to be able to have all old, current and new users to be enlisted unto the system
* Availability- information is restricted to each user’s limited access
* Response time- should reduce delay in information when hundreds of requests are given (TBC)
* Performance (TBD)
* Security- The system should automatically be able to authenticate all users with their unique 9-digit user id and password
* Usability- system design should be easily understood and user friendly to users
* Validation of accounts should not exceed 10 seconds
* Downtime of system should not exceed 60 minutes
* Allowed to make one account utilizing the user id only
* Once the user interacts with the system, they MUST receive a response from the system in under 10 seconds.
* System should be cross-platform on all devices
* Confirmation checks to the user to proceed with specific interactions
* Reports generated should be converted to PDF format for download
* System should be designed in such a manner that all skill levels of users should be able to navigate it without problems
* System information should be consistent and up-to-date as it relates to student and degree information
* Posts/Threads on the forums should be in reverse chronological order with exception to bulletin boards and FAQs.