* Initial Investigation: In this project, we need to develop a counseling portal which is less time consuming and less complex i.e. easy to use and also prevents from unauthorized access.
* Feasibility Study: This project is possible to implement in the light of workability, meeting user’s requirements, and effective use of resources and cost effectiveness. For meeting project objectives, we will require a Relational Database Management System (RDBMS) for maintaining data, Server Side Scripting Language for querying database and for other server side scripting purposes, Web Server and Website Development Software. These requirements are easy to fulfill and also requires less system resources and cost effective. So, after feasibility study the scope of project is achieved.
* System Analysis: This project can be made using HTML, CSS, Javascript, AJAX, PHP, MySQL and Apache HTTP Server. HTML and CSS can be used for designing interface of web pages of Counseling Portal, Javascript and AJAX can be used for browser side scripting, PHP can be used for Server Side Scripting, MySQL can be used for maintaining database and Apache HTTP Server can be used as Web Server. Wamp Server can be used in this project as Wamp Server comprises of PHP, MySQL and Apache HTTP Server. According to the requirement of counseling process, it is analyzed that it should provide facilities for
  + User Authentication
  + Attendance
  + Document Submission
  + Course Selection
  + Fees Submission
* System Design:

Outlines the relationships among major project functions and activities by specifying the timing of major milestones, baselines, reviews, work products, project deliverables, and sign-off that span the project. The process model or system development life cycle (SDLC) approach may be described using a combination of graphical and textual notations. The process model must include project initiation and project closeout activities.