

Instructions

1. Only object oriented languages are allowed for front end. You may use MySql or postgresql or mongo db for the backend.
Some of the usual combinations of front end + back end are:
php + mysql
jsp + mysql
django(python) + mysql
2. The web application should be accessible from any web browser.
3. The website should have **Responsive Web Design**. [Responsive Web Design (RWD) is an approach to web design aimed at allowing desktop webpages to be viewed in response to the size of the screen or web browser one is viewing with]
[**Note**:- Use Bootstrap ([Download](#)) and jQuery ([Download](#)) libraries for front end. Tutorial - [Bootstrap 3](#) and [jQuery](#).
4. You can use Umbrello UML or ArgoUML for creating your design.
5. For implementation of the design you can use any standard IDE such as Netbeans, Eclipse, PyCharm, PhpStorm etc..
6. Both SRS and Implementation should be submitted on or before their respective deadlines.
7. For first part of this assignment you have to submit the SRS. You have to submit all of the following design documents.
 - SRS document made in L^AT_EX. You can use [ShareLatex](#)
 - A Beamer presentation with following diagrams
 - (a) Use Case Diagrams.
 - (b) Class Diagrams.
 - (c) Activity Diagrams.
 - (d) Sequence Diagrams.

[**NOTE**:- Beamer is a LaTeX class to create powerful, flexible and nice-looking presentations and slides.
8. Submit the document in pdf and tex format (.tex is the extension of latex code).
9. For implementation part of this assignment you need to submit your source code and database dump.
10. Functionality and aesthetics are of equal importance.