

ANDS **(Automated Notification** **Distribution System)**

Problem Statement

To build a system which should be capable of :

- Displaying VTU circulars, college notices etc. on an electronic display setup inside the college campus
- Sending personal notifications through SMS, e-mail, & whatsapp to the respective students and staff

Note : The system interface should be administrated by a co-ordinator with special access and permissions

Tasks

1. Automated extraction of VTU notifications and circulars from VTU website
2. Creating a database consisting of students and faculties with the following information :
 - Name & USN
 - Branch
 - Year
 - Contact Details
3. Programming the segregation of the database on the basis of branch and year
4. Building an application interface for the special client which will be responsible for providing the various input commands for the segregation of the data
5. Designing the layout for the Notice Board
6. Distribution of notices on the basis of segregated data
7. Linking all the individual programs together and deployment
8. Testing

Skeleton Architecture (Flying)

