

## SSAD Assignment 2(Web2py)

Build an application to post and rank links to online news items, similar to www.reddit.com website.(total of 100 marks)

**Basic Features** that must be implemented :

- Multiple users must be able to create their accounts.
- There should be two types of accounts:
  - One Administrator account.(10 marks)
  - User account(s)(10 marks)
- User must be able to login and post the news item.Every item will have 3 fields:(30 marks)
  - Category
  - Heading
  - URL of some site
- All the news items must be displayed according to their category.Clicking on the heading will open the page with url as mentioned at the time of creating the post.(15 marks)
- For each category show the news items according to their ranks.
- Ranks should be calculated on the number of likes/dislikes done on the post.(likes=+5 points, dislike=-3 points,start with 100 points for each post) (15 marks for implementing ranks)
- User should later be able to edit/delete the post.(5 marks)
- For each item, any user should be able to like/dislike or comment on it.(5 marks)
- Admin can delete posts of any user or remove any user account.(5 marks)
- Categories can only be added by admin.(5 marks)

**Extra features** which can be implemented for bonus marks-

- User can be given option to put up an **embedded** youtube video.(give the link in the link box and video should automatically put it up in the website),for this an extra option will be necessary while creating post which allows user to choose to post a link to an article or to a youtube video.(10)
- Date/time for each post/comment can also be recorded and displayed at the end of the post.(5)
- Display message informing user of the successful vote/post/comment etc.(5)

**Other Details of Assignment-**

- Deadline is on September 2 , 9:00 pm
- Upload only the application in a .tar.gz file.(roll\_no.tar.gz)