

SRM afterHours

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ABSTRACT

The last decade saw a major boom in the field of online Social Networking. The scope or its use and advantages are endless making its requirement paramount. By exploiting its features any required functionality can be appended to it. SRM afterHours is a social networking website which will serve as an online student-faculty forum. The faculty will be given functionalities to upload files, notes, documents and also video tutorials if required in the future. They have permissions to set up tests, assignments which will be evaluated by a module. Students will only have permissions to view all the files put up by the faculty. All files will be uploaded to a central dropbox account. For performance purposes, the files will be uploaded to the server initially and later on a console application will be running n the server will upload the files automatically thereby reducing the wait time for the users. Additionally, the profiles of the registered users can be used to asses them based on their project info, GPA and other credentials which could be quite useful during placements. As this is an in-house application which does not depend on any other third party social network, the functionalities are endless and can be added as and when required.

INTRODUCTION ON Social Networks

- A social networking service (also social networking site or SNS) is a platform to build social networks or social relations among people who share interests, activities, backgrounds or real-life connections.
- The main types of social networking services are those that contain category places (such as former school year or classmates), means to connect with friends
- A social network can be established between people of a fixed community or institution to enable them to share messages and data.
- There are a number of uses for social networks and these uses are constantly increasing.

ADVANTAGES AND DISADVANTGES

ADVANTAGES:

- Worldwide Connectivity.
- Increased News Cycle Speed.
- Commonality of Interest.
- Real-Time Information Sharing.

DISADVANTAGES:

- The primary disadvantage of social networking is that most people do not know how to network effectively.
- Privacy Issues.
- Risks of Fraud or Identity Theft.

APPLICATIONS

- Information Sharing

 - Documents, notes and e-books.

 - Announcements, tests, etc.

- Discussion rooms

 - Setting up discussions on common topics.

 - Raising doubts.

 - Posting and sharing information with others.

- Creating Profiles

 - One stop shop for information regarding a person.

 - Meeting new people.

SRM afterHours

- The concept of Social Networking can be efficiently used to create an in-house student-faculty forum.
- This forum can be used to upload and store documents pertaining to the course on the cloud.
- The faculty can set up tests and assignments which can be evaluated by a module within the website.
- Another functionality of this website is that the students will be able to set up discussion rooms pertaining to a certain topic and can bring in the concerned faculty by tagging them.
- The efficient file upload system uses a console application on the server side to reduce the wait time for the users during file upload.

EXISTING SYSTEM

- There is no system in place that is functioning specifically for the university.
- The departments and faculty make use of facebook and gmail to convey messages and Google drive to store documents.
- The problem with this system is that there is no single interface or single application through which the information sharing process is done and hence becomes complicated.
- Also, direct upload to the cloud storage provider requires a lot of processing and hence increases the wait time for the users.

PROPOSED SYSTEM

- Creating a single system which contains all the required functionalities and user specific logins and profiles.
- To deal with the problem of the upload wait time, the files will be uploaded to the cloud by a separate application on the server.
- The files will initially be uploaded to the server from which they will be uploaded to the cloud storage account by a console application on the server.
- All required information will be provided on the respective profiles.

LITERATURE SURVEY

S.No	Title/Publications	Data sets / Techniques adopted	Results	Conclusions/Limitations
01.	Cloud storage integration system Student Project Conference (ICT-ISPC), 2014 Third ICT International	<ul style="list-style-type: none">•Integrates multiple accounts•Creates a single system	<ul style="list-style-type: none">• Reduce the processing.• Reduces the overall upload time	<ul style="list-style-type: none">• Storing the data in a hierarchy is difficult.• Direct upload still creates a lot of wait time for the users.

LITERATURE SURVEY

S.No	Title/Publications	Data sets / Techniques adopted	Results	Conclusions/Li mitations
02.	A Real-Time Process Scheduling Policy in Windows Computer Science & Service System (CSSS), 2012 International Conference on computer science	<ul style="list-style-type: none">• Two Techniques <ol style="list-style-type: none">1. A process scheduling policy for windows running on multiple-core CPUs.2. Makes use of windows affinity.	<ul style="list-style-type: none">•Efficient scheduling• Reduce the processing time.	<ul style="list-style-type: none">• Affinity can limit the process or thread to work on a subset of core on the available CPU, and high-frequency clock interrupt service can drive the real-time processes or threads to switch at an appropriate time.

LITERATURE SURVEY

S.No	Title/Publications	Data sets / Techniques adopted	Results	Conclusions/Li mitations
03.	Analyzing Actors and Their Discussion Topics by Semantic Social Network Analysis Information Visualization, 2006. IV 2006. Tenth International Conference on information virtualization.	<ul style="list-style-type: none">• Works over analyzing communication archives•Content mining takes place	<ul style="list-style-type: none">• Content usage was determined efficiently	<ul style="list-style-type: none">•High processing requirement•Requires large amount of data storage capability.

LITERATURE SURVEY

S.No	Title/Publications	Data sets / Techniques adopted	Results	Conclusions/Li mitations
04.	<p>Research on File Upload Based on HTML5</p> <p>Cheng Xiaojin College of Information Engineering Beijing Institute Of Graphic Communication</p>	<ul style="list-style-type: none">• Uses Ajax to bring up XMLHttpRequest to upload files.• Uses the file reader object to upload the file in binary mode.	<ul style="list-style-type: none">• Efficient upload• Time for upload reduces	<ul style="list-style-type: none">• Useful to upload directly to server only.• Upload to the cloud service provider cannot be done.

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- Social Network Analysis of University Online Forum-Computational Aspects of Social Networks (CASoN), 2010 International Conference

THANKING YOU