One Stop for CS

Team Number: 2

Team Size: 4

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Project Goal and Objective:

   The Advancement in the feather of Computer Science had improved immensely in the last decade, as its seeds sowed with 1's and 0's and now engineers with integration of 1's and 0's made many software applications to resolve complex things easily. This project is an attempt to make all the CS stuff available to students at a single point.

Motivation:

   Computer Science industry has many diverse engineers who did their undergrad in other streams and still this income flow exist, however new graduate students who are changing their stream to CS still face issues, like which topics they need to be aware of before their CS graduate course start. This application is going to be designed in a way that they have all the resources placed in single source in various formats like eBooks(pdf), video sources, blogs for computer science topics, journals etc.

Significance/Uniqueness:

- Can search topics title wise.

- Each topic is divided in categories - Basic, Intermediate and Advanced.

- "One Stop for CS" as name suggests it can be a single point source for all UMKC CS students for enhancing their knowledge.

System Features:

- Students can not only get the source, but can also add some new and interesting sources related to CS which later will be evaluated and added to existing stuff, similar to Wiki contribution.

- Bookmark feature is available to registered users, as they can access frequently used topics with one click.

- Barcode scanner for books, when the barcode of book is scanned, it redirects to eBook link.

- Integration with Quora, an online community for all the questionnaire related to CS.

Related Work

- The resources what we collect are from our own research and some popular blogs and also online resources

Backup Project

- Explore: Travel Source and Travel Planner

Overview: Everyone might not be aware of the best time to plan for a trip, with whom to plan. This application help user in planning the trip. It suggests user the best time to plan for a trip, so as to make the trip more exciting and memorable. A user can opt for the existing trip plans or can create a new one and can send invitation to friends via email or text who can later accept or reject the invitation. Necessary things for the trip can be shared among the accepted members by maintaining a checklist. Additional feature in this application is, it also helps user in finding nearby restaurants, shopping centers, amusement parks etc.

Bibliography

- http://www.ibm.com/developerworks/rational/library/

- http://getbootstrap.com/

- Github.com