

One Stop for CS

Team Size: 4

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Project Goal and Objective:

The Advancement in the feather of Computer Science has 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 from all the basics.

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 app 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 just get the source, but can also contribute their knowledge to improve the availability of topic links, 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.
- Integrate this with Quora, an online community for all the questionnaire about CS.

Related Work

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

Backup Project

- Explore: Travel Source and Travel Planner

Application to plan a trip, invite friends for the trip.

The checklist for the smooth planning of trip is included which can be managed by all friends who have accepted the invitation.

It also suggests the user the best time to plan for a trip, to make the trip more exciting.

Bibliography

- <http://www.ibm.com/developerworks/rational/library/>
- <http://getbootstrap.com/>
- [Github.com](https://github.com)