

Feasibility Analysis

Software Name: Share Karo

By

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TABLE OF CONTENTS

1. Executive summary
2. Description of products and services
3. Technology considerations
4. Product/service marketplace
5. Marketing strategy
6. Findings and recommendations
7. References
8. Conclusions

EXECUTIVE SUMMARY

The project “Share Karo” application has been done as a Vth Semester software engineering project development assignment.

The Project has been developed by six IIIrd year students:

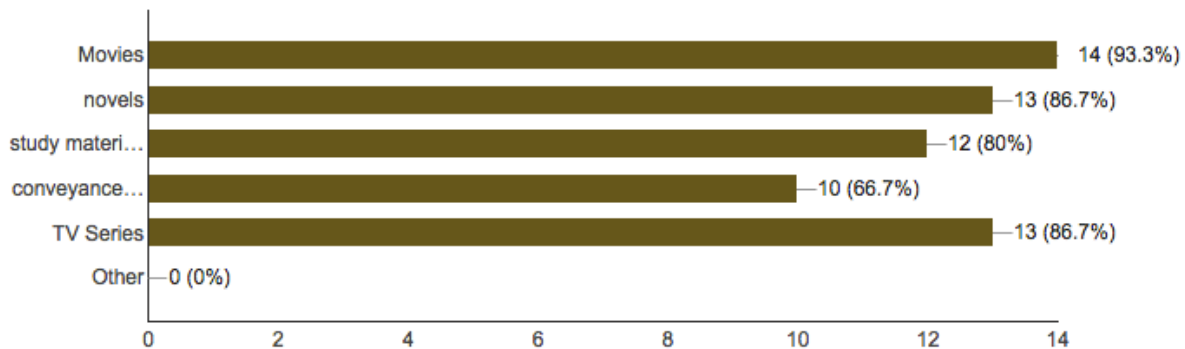
1. Akshay Gupta: U101114FCS039 (S2)
2. Anshul Sharma: U101114FCS046 (S2)
3. Ayushi Jain: U101114FCS055 (S2)
4. Ishtaa Sayal: U101114FCS070 (S3)
5. Jatin Kakkar: U101114FCS072 (S3)
6. Jharana Shrivastava: U101114FCS073 (S3)

The admin rights of the app and the first installment presentation lies with the developers and founders of this app. The app has been purely developed by its founding members with proper division of workforce.

Survey Report – Before Starting the Project.

if you get know about an sharing app what would you like to share?

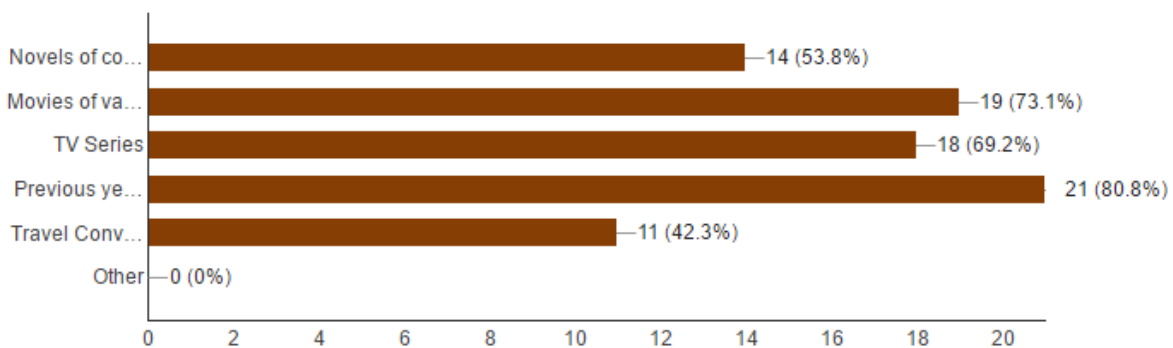
(15 responses)



Survey Report – After Starting the Project

If you get an in-house sharing app, what all would you want it to share if it provides you with contacts and exchange for free?

(26 responses)



DESCRIPTION OF PRODUCTS AND SERVICES

The project majorly focuses on four things of sharing:

Movie Sharing:

Students in campus mainly like to watch movies to pass most of their time in the hostels. Thus, this feature is on the high priority level on the software. The software gives them an option to put up their preferred movies and search for the ones that they feel like watching.

Novel Sharing:

Students (hostellers majorly) like to read and understand novels to pass their time in the hostels and to widen their horizons into the world of literature. Thus, this feature is again on the high priority level on the software.

TV-Series Sharing:

Students in campus indulge into TV series (from all around the world) to get an idea of what all things are happening all around the world. The application gives them an option to put up their preferred movies and search for the ones that they feel like watching. Thus, this is another feature on the high priority level on the software.

Study Material Sharing:

Students of college prefer their respective course ppts, projects, important questions papers and presentations with seniors. This feature is at the low priority level on the app. The app gives them an option to put up their used projects and ppts as reference for juniors and search for the ones that their seniors have uploaded and vice-versa.

Conveyance Sharing:

Students actively supports pooling a cab to a common destination to reduce upon the total cost per head. Thus, this is another feature on the low priority level on the app. The app gives them an option to put up their travel schedule (date, time, source

and destination) and search for the ones with same interests. This would provide them with an option to pool.

Garage Sale:

Students sometime wants to share the reusable items with their colleagues and mates to save money. The app provides them with a photo upload option so as to upload and share what they want to sell in second hand. Thus, this feature is also set at the low priority level on the app. The user can search for the items they desire and can procure the contact of the person concerned with the item.

• Survey Report

| Timestamp | | | | | |
|-----------|-------------------|--|---|-----------|-------|
| | A | B | C | D | |
| 1 | Timestamp | Username | If you get an in-house sharing app, what all would you want it to share if it provides you with contacts and exchange for free? | If a coll | If yo |
| 2 | 9/1/2016 16:17:35 | priyanshu.bhatnagar@st.niituniversity.in | Movies of various genres, TV Series | Yes | Yes, |
| 3 | 9/1/2016 16:48:05 | vidisha@st.niituniversity.in | Novels of common interest, Movies of various genres, TV Series, Previous year's Projects and Presentations, Travel Conveyance | Yes | Yes, |
| 4 | 9/1/2016 17:26:30 | nikhil.14.nair@st.niituniversity.in | Movies of various genres, TV Series, Previous year's Projects and Presentations | Yes | Yes, |
| 5 | 9/1/2016 18:11:57 | niralis.sampat@st.niituniversity.in | Novels of common interest, Movies of various genres, TV Series, Previous year's Projects and Presentations | No | Yes, |
| 6 | 9/1/2016 19:58:58 | vanshika.rohatgi@st.niituniversity.in | Previous year's Projects and Presentations | No | Yes, |
| 7 | 9/1/2016 20:21:00 | ksreedevi.reddy@st.niituniversity.in | Movies of various genres | Yes | Yes, |
| 8 | 9/1/2016 22:44:12 | padegal.pranavi@st.niituniversity.in | Previous year's Projects and Presentations | Yes | Yes, |
| 9 | 9/1/2016 23:06:31 | jallepalli.prema@st.niituniversity.in | Novels of common interest, Movies of various genres, TV Series, Previous year's Projects and Presentations | No | Yes, |
| 10 | 9/1/2016 23:37:18 | mansim.singh@st.niituniversity.in | TV Series, Travel Conveyance | No | Yes, |
| 11 | 9/1/2016 23:39:51 | ashwin.pilgaonkar@st.niituniversity.in | Novels of common interest, Movies of various genres, TV Series, Previous year's Projects and Presentations, Travel Conveyance | Yes | Yes, |
| 12 | 9/1/2016 23:43:57 | sowmyas.charlu@st.niituniversity.in | Novels of common interest, Previous year's Projects and Presentations | No | Yes, |
| 13 | 9/2/2016 0:38:40 | antra.tripathi@st.niituniversity.in | Novels of common interest, Movies of various genres, Previous year's Projects and Presentations | Yes | Yes, |
| 14 | 9/2/2016 1:09:16 | simran.malhotra@st.niituniversity.in | Movies of various genres, TV Series, Previous year's Projects and Presentations, Travel Conveyance | Yes | Yes, |
| 15 | 9/2/2016 1:22:15 | mahima.maheshwari@st.niituniversity.in | Novels of common interest, Movies of various genres, Previous year's Projects and Presentations | Yes | Yes, |
| 16 | 9/2/2016 1:54:55 | deepika.tripathi@st.niituniversity.in | Novels of common interest, Movies of various genres, TV Series, Previous year's Projects and Presentations, Travel Conveyance | No | Yes, |
| 17 | 9/2/2016 8:40:57 | kodamasinham.aakash@st.niituniversity.in | Previous year's Projects and Presentations | Yes | No, I |
| 18 | 9/2/2016 13:01:42 | saarav.singh@st.niituniversity.in | Movies of various genres, TV Series, Previous year's Projects and Presentations, Travel Conveyance | Yes | Yes, |
| 19 | 9/2/2016 15:38:33 | shraddhas.patil@st.niituniversity.in | Movies of various genres, TV Series, Previous year's Projects and Presentations, Travel Conveyance | Yes | Yes, |
| 20 | 9/4/2016 12:20:30 | soumi.pal@st.niituniversity.in | Novels of common interest, Movies of various genres, TV Series, Previous year's Projects and Presentations | Yes | Yes, |
| 21 | 9/4/2016 17:35:28 | chapala.s.sowmya@st.niituniversity.in | Novels of common interest, Movies of various genres, TV Series, Previous year's Projects and Presentations, Travel Conveyance | No | Yes, |
| 22 | 9/5/2016 11:44:11 | jharana.shrivastava@st.niituniversity.in | Novels of common interest, Movies of various genres, TV Series, Previous year's Projects and Presentations, Travel Conveyance | Yes | Yes, |

TECHNOLOGY CONSIDERATIONS

The software is built with the definition of following frameworks:

- 1) The database is designed using the Mongo DB framework.
- 2) The languages (html, CSS, java script, node JS) are built upon the Visual Studio 2015 Enterprise software.
- 3) The software is majorly designed upon the Microsoft Windows OS. However, it is created as a cross-platform forum to work over Linux and iOS as well.
- 4) Communication protocols that interface between the front-end and back-end codes.

PRODUCT/SERVICE MARKETPLACE

The software has been designed and developed majorly for the use of University's students and people living in a local area. However, it can be generalized and extended to any local area space where people can interact and share their entertainment, study material and conveyance through the app.

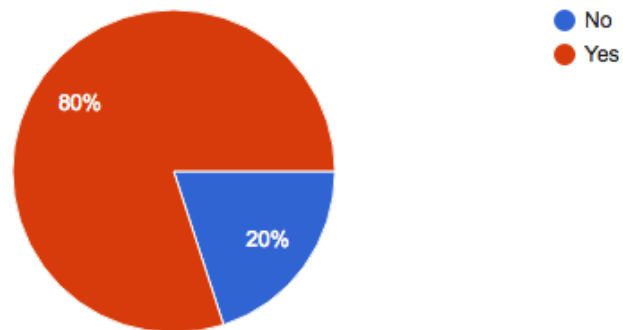
- Survey Report – Before Starting the Project

The link to the survey:

<https://docs.google.com/a/st.niituniversity.in/forms/d/e/1FAIpQLSdQRok8juXlh7KKhXiNcEUZWWn9YxTKTtLWmKertD9MFtg0fA/viewform>

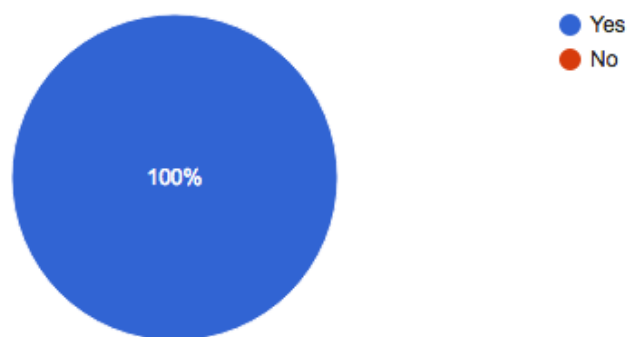
would you like to share your collection of movies/novels/TV series with your juniors/seniors or contact them if they have something of your interest

(15 responses)



would you like share your ppts and project materials with you juniors

(15 responses)



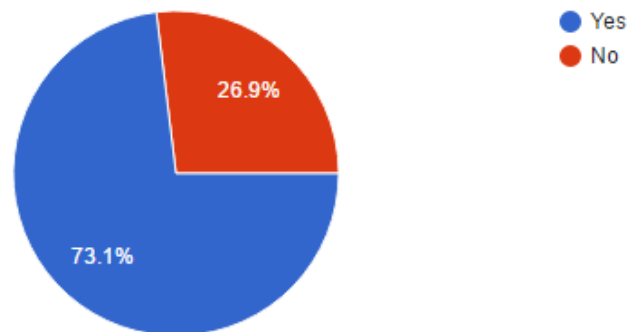
- Survey Report – After Starting the Project

The link to the survey:

<https://drive.google.com/open?id=106nrUHpPJbuwHH0KGF8Crogl4Tui3VpNfJ0K84ZL>

If a college-mate sells up his second hand stuff (like blue-tooth speakers, cellphone or textbooks) at a much lesser cost, would you buy it?

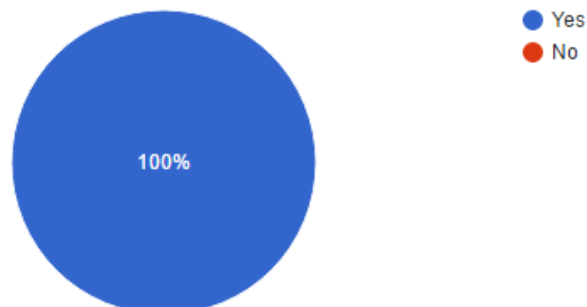
(26 responses)



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Would you prefer sharing your ppts and project files with your juniors?

(26 responses)



Any other suggestion to make this app more likable? (3 responses)

Contacts not to be shared without consent, but I'm sure you've already considered that. Sounds like a great idea. All the best!

I shouldn't be bothered too much by requests.

User interface should be friendly

MARKETING STRATEGY

The marketing strategy has been designed to promote the application through the various social media platforms such as Facebook, Google+, Snapchat, etc.

The application would be promoted on in the campus by putting flex banners and posters all around the campus. The application link will be available on University's official website also.

FINDINGS AND RECOMMENDATIONS

The application has been approved by most of the people as an effective measure and a breakthrough as a sharing portal where people can come up and share their entertainment measures.

The app is highly recommended for anybody who wishes to share stuff and reduce upon the costs while doing so.

CONCLUSIONS

The “Share Karo” application is perfectly fine to go for the designing and development phase.

The application comes with advantages listed below:

- 1) Low memory requirements for database and size of software.
- 2) Cross platform application.
- 3) Open source functioning to invite other developers to contribute after the completion of college project.
- 4) Simple User friendly interface with latest guidelines in market.
- 5) Privacy protection for the users.
- 6) Simple interaction and exchange of things between users.

REFERENCES

- 1) <https://www.google.co.in/search?q=feasibility+analysis+pdf&oq=feas&aqs=chrome.1.69i59l3j69i57j0l2.3767j0j7&sourceid=chrome&ie=UTF-8>
- 2) <http://thenextweb.com/apps/2015/07/10/9-of-the-best-apps-for-sharing-files-between-devices-and-friends/>
- 3) <https://www.google.co.in/forms/about/>
- 4) <https://teamtreehouse.com/tracks/front-end-web-development>
- 5) <http://www.inc.com/murray-newlands/15-marketing-strategies-that-inspire-strategic-thinkers.html>