

Feasibility Analysis

Share Karo! App

Prepared by

Group Member:

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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” App has been done as a Vth Semester software engineering project development assignment. The Project has been developed by six third year students
Akshay Gupta: U101114FCS039 (S2), Anshul Sharma: U101114FCS046 (S2), Ayushi Jain:

U101114FCS055 (S2), Ishtaa Sayal: U101114FCS070 (S3), Jatin Kakkar: U101114FCS072 (S3) and Jharana Shrivastava: U101114FCS073 (S3).

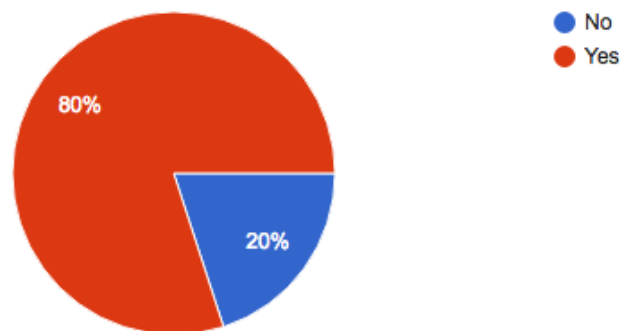
Admin rights and first installment rights of this app rests with developers of this app. The app has been developed by the developers of this app with proper division of workforce.

This app has been made by keeping in mind the attitude of hostel students. Rigorous research has been done on how college students search or share movies, novels, T.V Series, conveyance options and how do they utilize their shared items.

Survey has been done on our own college students relating to this app. Initial 2 surveys are regarding the question that whether this app should be used or not. Results are as follows-

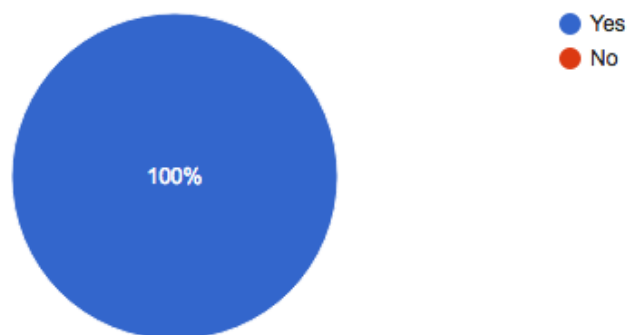
would you like to share your collection of movies/novels/TV series with your juniors/seniors or contact them if they have something of your interest

(15 responses)



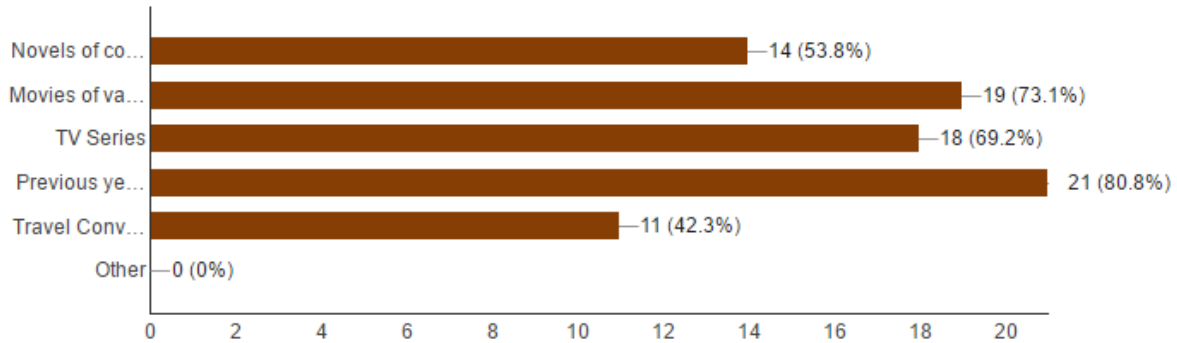
would you like share your ppts and project materials with you juniors

(15 responses)



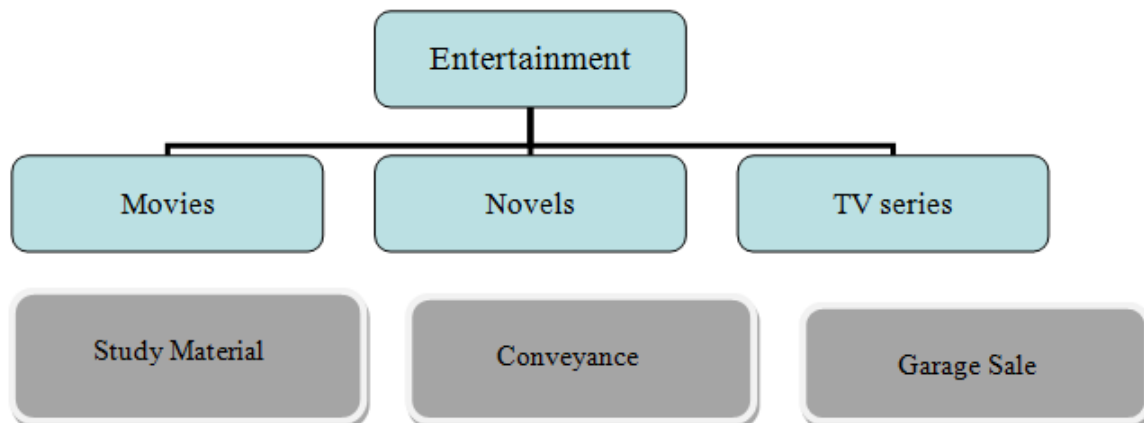
If you get an in-house sharing app, what all would you want it to share if it provides you with contacts and exchange for free?

(26 responses)



DESCRIPTION OF PRODUCTS AND SERVICES

The project is mainly focused on four features.



Movie Sharing:

Students living in hostels pass their time mainly in front of laptop screens watching Hollywood or Bollywood movies. Hence, this feature is on the top of priority list. This app lets them share their preferred movies and ask for movies they would like watching .

Novel Sharing:

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TV-Series Sharing:

Hostellers majorly indulge their free time by watching various kind of T.V Series for fun as well as expanding their mindsets. This is why this feature is on the top of the priority list. Students can put up their preferred T.V shows with the help of this app.

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Study Material Sharing:

Students prefer their course ppts, projects, important questions papers and presentations with juniors, without any hesitation. Thus, this is another feature on 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 they feel like downloading.

Conveyance Sharing:

Students prefer sharing cabs (conveyance) to a common destination to reduce upon the travel costs and increase feasibility. 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:

In college life one is always in need of money and daily accessory items. There is another feature in this app with which you can share the pics of your reusable items and if someone wants it, he can contact the concerned user. This feature is on the low priority list of this app.

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| | 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 | ksreedeivi.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 | saaurav.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

Html, CSS and Java Script form the front-end pages of the software (to the viewer)

Node JS framework links the front end to the back end database

Mongo Database saves the data and information and retrieves it for the users

Definition of following frameworks has been used to build this software:

- 1) Mongo DB framework has been used to design database framework.

- 2) HTML, CSS, Java Script, Node js are built on Visual code 2015 enterprise software.
- 3) Despite software being built on Microsoft Windows OS, it has been built as cross platform for linux, Mac also.
- 4) Node JS framework is as follows: Integration with other Visual Studio features and 3rd party tools. (Node.js, io.js, JavaScript, TypeScript, HTML, CSS, and JSON support)
- 5) Interface between front end codes and back end codes is carried out by these communication protocols.

Heavy or complicated software is not required in build up of this software. Minimal requirements have been there for build up of this software.

PRODUCT/SERVICE MARKETPLACE

This software has been designed primarily for hostel students who have physical contact with each other. With these condition in mind this software can also be used for a particular locality or a camp or a housing society.

The particular user can sign up with his login/sign up(Email id/facebook id). Then the user needs to specify his choice of movies/novels/T.V Series/conveyance

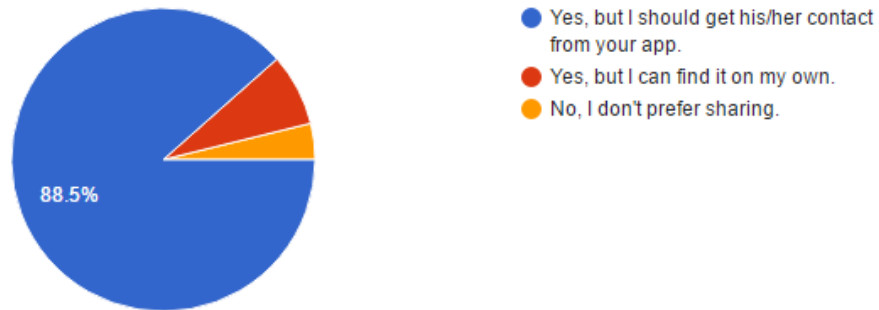
Here are the responses that have been recorded for the surveys:

The link to the survey questions:

<https://drive.google.com/open?id=106nrUHpPJbuwHH0KGF8Croglt4Tui3VpNfJ0K841ZL8>

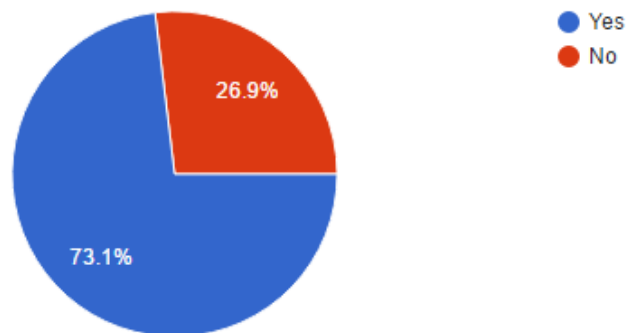
If you get to know that one of your senior/junior has a TV series, movie, etc. that you so want to watch, would you like contacting and exchanging it with him/her?

(26 responses)



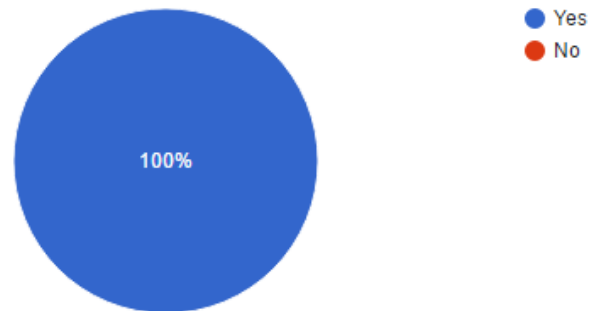
If a college-mate sells up his second hand stuff (like blue-tooth speakers, cellphone or textbooks) at a much lesser cost, would you buy it?

(26 responses)



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 app has been built on the logic that people want to meet and discover certain college peers or mates which they usually can't meet on their own. For the promotion of app social media platforms like Facebook, twitter etc. will be heavily used. Along with that posters all around the campus will also be used for promotion.

FINDINGS AND RECOMMENDATIONS

"Share Karo" App has been hailed as a breakthrough app by all the people in the surveys. For in-house sharing this app will be a great help

The app would be highly useful to someone who is willing to share his things and is open to meeting new people for sharing.

The app will be a boon for someone who doesn't has an issue for using reusable items at a low cost. Not only sharing but this app is a great platform for meeting new people and socialising.

REFERENCES

- 1) <https://www.google.co.in/search?q=feasibility+analysis+pdf&oq=feas&aqs=chrome.1.69i5913j69i57j0l2.3767j0j7&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>

CONCLUSIONS

The “Share Karo” app is completely ready for the developmental phase.

Advantages of the app are:

- 1) Development and management cost is low.
- 2) Memory requirements for operations is low across systems.
- 3) Open source functionality and cross platform.
- 4) U.I is comprehensible and lucid.
- 5) Privacy protection is given top priority.
- 6) Interaction is easy between the users.
- 7) Socializing add-on to the app.

