

Feasibility Analysis For **Hybrid App of NU- Gatepass and NU- Library**

Version 1.0 approved

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Project Description: -

The purpose of this app is to ease the process of applying the gatepass for students and getting approval from warden. With this student will be notified as soon as the warden approves/rejects the gatepass which otherwise student has to check manually by logging to Moodle and so on. In Library section student can search for a particular book and see if its already issued or not. And will be notified about the due date of book to return.

Current Situation and Future: -

In the current system we first had to login in the Moodle and then apply gatepass. For attendance we had to login in nucleus and library has a different site. But after this app everything can be accessed from the app easily. Thus the hybrid App that will be made will integrate all these functions under one roof in a Mobile application so that the users can use it with ease.

Information Assessment: -

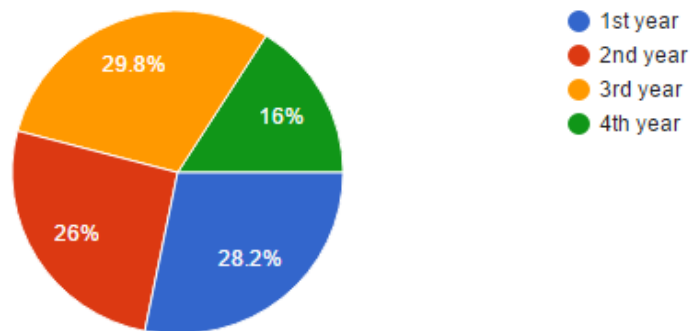
Conducted an online survey that was filled by students of NIIT university of all years.

Based on survey here are few points that we would like to share,

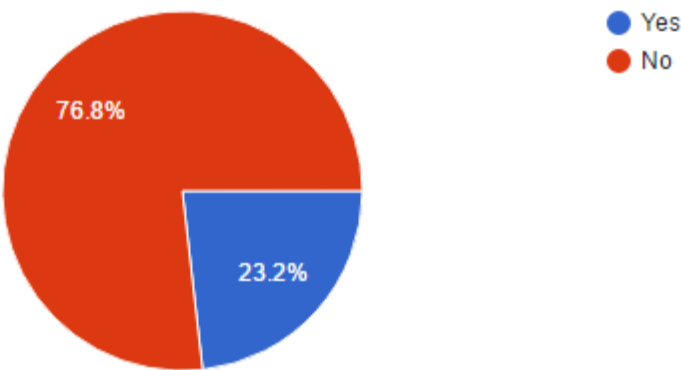
- 1) The survey was answered by 181 students of NIIT University.
- 2) 76.8 % of the people are not satisfied with the current scenario.
- 3) 89.5% of the people who answered the survey would love to download an application that tackles the problems that are discussed above.

Below are the few screenshots regarding the same: -

Batch (181 responses)

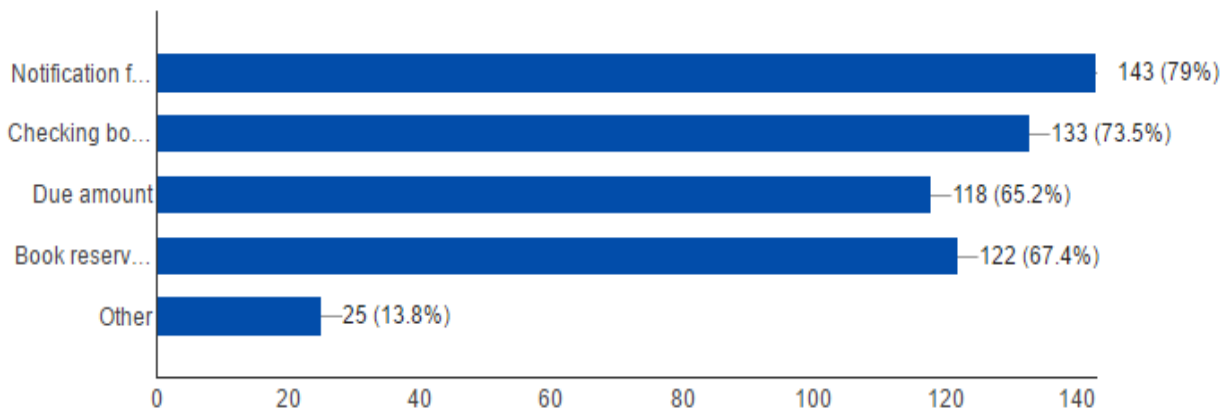


Are you satisfied with the current Gate pass and Library system

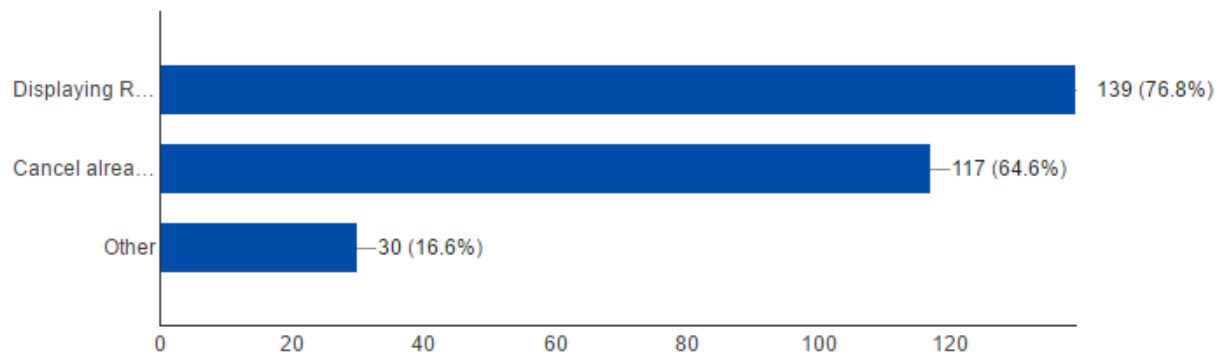


Choose the features you want to incorporate in the Library system

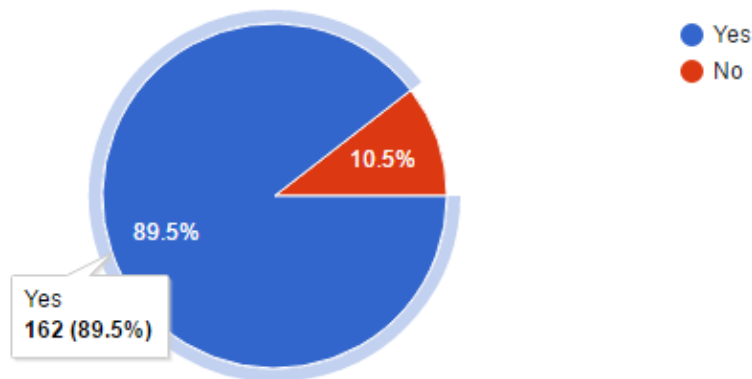
(181 responses)



Choose the features you want to incorporate in the Gate pass (181 responses)



Would you like to download an App that tackle these issues (181 responses)



Some Recorded responses:

"If we can get the notification of our classes like 15 min prior to the beginning of class with the classroom no. And also getting a short list of upcoming events in audi or anywhere in the university just like "inshorts" so that we don't have to check the mil again and again. And respected faculty also don't have to send mail they can open the app directly and update that status there, there should also be the priority option of updates like really urgent or important ones should come at top".

"Add a "stay signed in" option, if possible, or something like "remember username and password". Typing in your username and password everytime while applying for a gatepass, seems a bit annoying".

"All university services like Moodle Gatepass ERP library etc should be centalized into one system, a single website which will perform tasks for all these".

"When the net is not working the guard says he will sign out later. But then we tend to forget and after weeks if i have to put a gatepass its seen that im not signed in. So some notification for the guards or us students

Rest of the feasibility analysis is attached in the documentation of final SRS.

Conclusion: -

Product/service desirability: - After going through the responses and the feedbacks we can say that kind of service is highly desirable.

Product/service demand: - As per responses we can conclude that such services are highly demanded by the students of NIIT University.

Product/service feasibility: - *Feasible*