

FEASIBILITY ANALYSIS

PRODUCT DESCRIPTION

The Application is developed for the students of NIIT University, so as to integrate the Gate pass system, Library system and Nucleus under a single mobile application that will be convenient and reliable for the users.

The above mentioned features are regularly used for day to day activities by the students of NIIT University. The app intends to simplify the current system where the students have to login in two different websites to access the functionalities that are clubbed in one hybrid application in this project.

CURRENT SITUATION

Moodle:

The students log in the Moodle website.

The student access Gate pass application through Moodle.

Moodle redirects to Gate pass application page.

Students apply for Local or Outstation Gate pass accordingly.

NU ERP:

The students log in the Nucleus website.

Student can choose to see Attendance and Timetable.

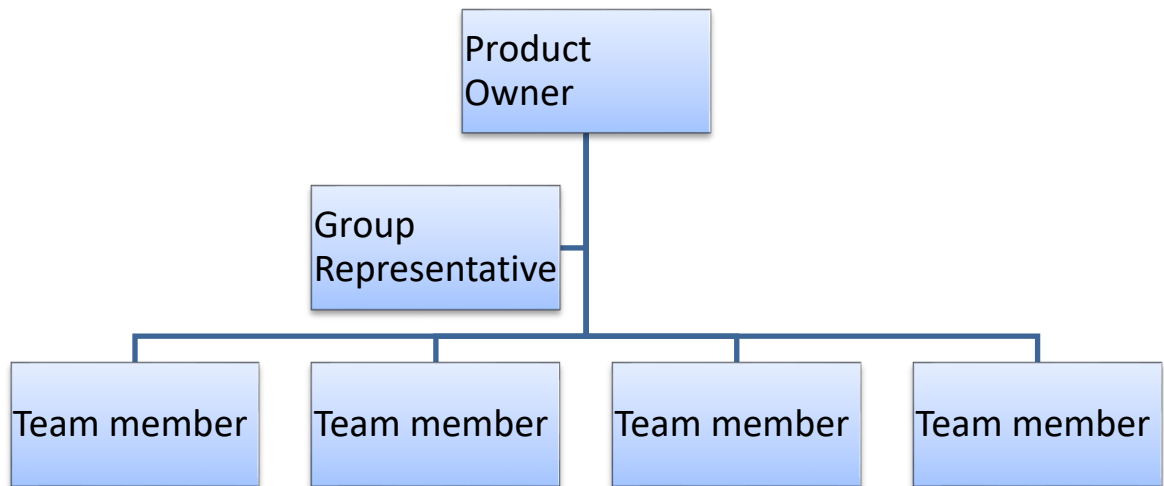
Attendance or Timetable table is returned accordingly.

Library:

Student has to check for book availability.

If due date of issued book is missed, penalty is applied.

Organizational and Technical Aspects – Organizational structure



FEASIBILITY ASSESSMENT:

- 181 Responses recorded.
- 76.8% Want the project to be implemented
- 85.5% Positive response (Want a new simplified system)
- 10.5% Negative responses (Happy with the current system)
- 79% want Library Module to be implemented
- 73.5% want Book Availability feature.
- 65.2% want Due amount feature
- 67.4% want Book availability search feature.
- 76.8% want Gate pass feature.

Information Assessment

Based on Feasibility Analysis with 181 responses, 76.8% falls in the positive category where they want us to develop the platform. Moreover talking about the features and suggestions we got, First one is the Notifications about the date of issue and date of return in Library module got a positive response of 79%. Secondly comes the positive response of the feature to check Book Availability in Library and its 73.5%. Then comes the feature to see and notify with due amounts pending in Library (65.2%). Also the Book reservation feature and book details (67.4%).

Changing our module to Gatepass, we also got pretty well suggestions like to display the gatepass request status on very top (76.8%), to make students able to cancel already pending or approved request (64.6%) and some other pretty well features with 17% nearly.

Apart from this , we also got some negative responses from students who are already satisfied with the current gatepass and Library system. They are about 10.5% but the majority 89.5% are in favour of the WEB APP.

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.

I wanted to help u guys, but inability of skills in app dev stops me from doing it. Go for it guys...., still hope for the best as an output. Cheers !!! All the Best.

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.

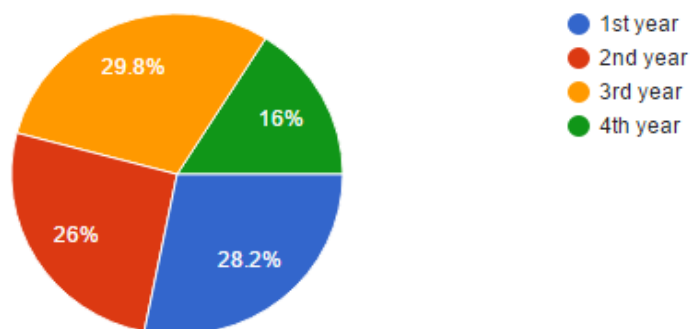
All university services like Moodle Gatepass ERP library etc should be centalized into one system, a single website which will perform tasks for all these.

Has contact information (Library and Wardens)

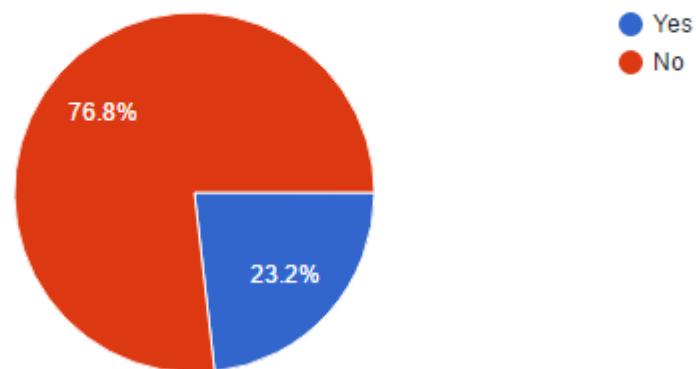
When the net is not working the guard says he will sign out later. But then we tend to forget and after weeks if i have to put a gatepass its seen that im not signed in. So some notification for the guards or us students.

GRAPHS AND ANALYSIS

Batch (181 responses)

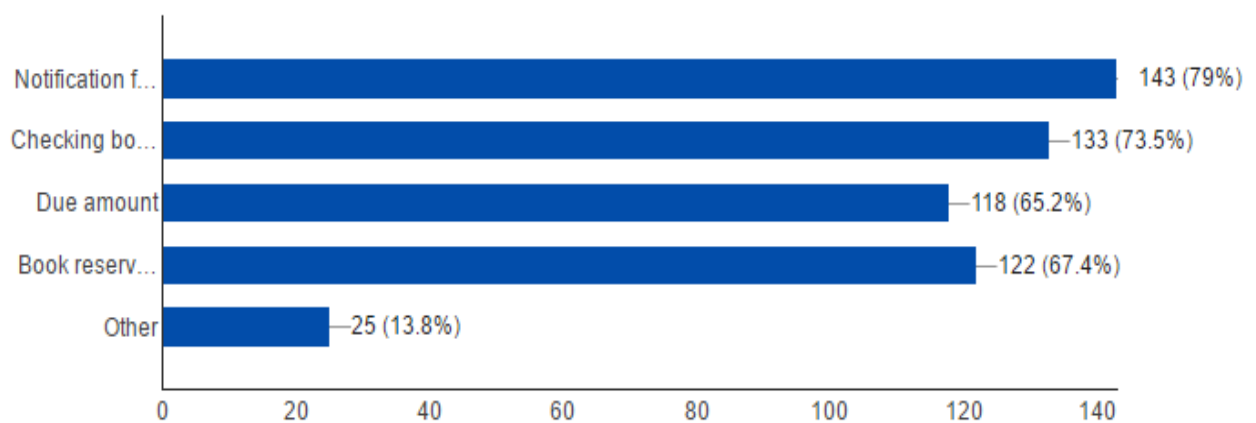


Are you satisfied with the current Gate pass and Library system

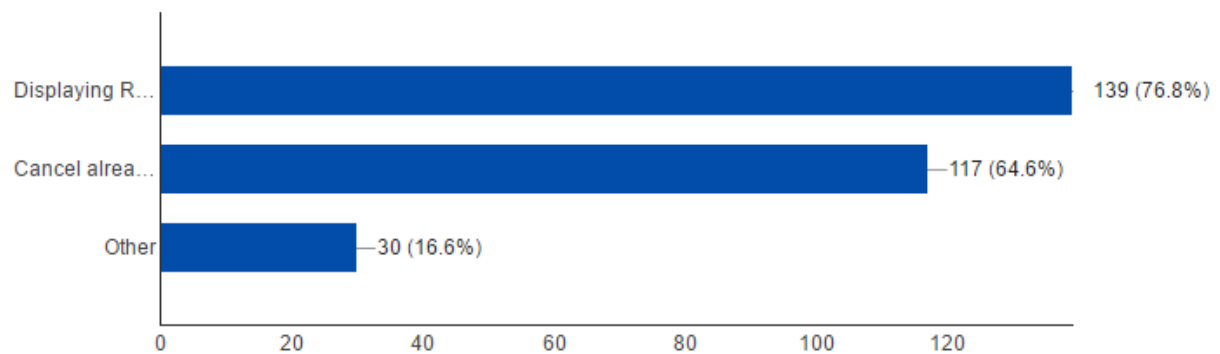


Choose the features you want to incorporate in the Library system

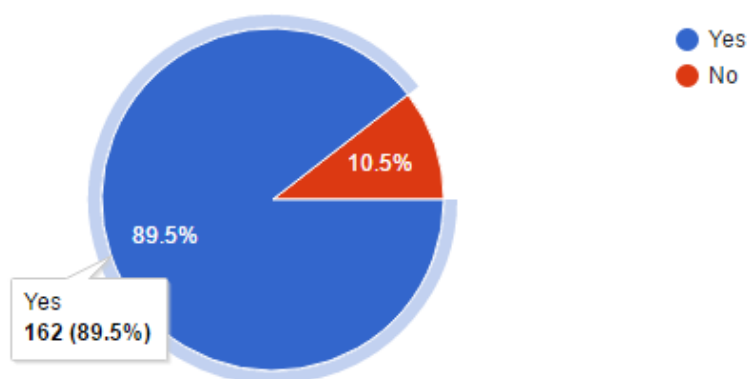
(181 responses)



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)



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*