INITIATIVE: STUDENT DASHBOARD(SD)

EVER FELT A NEED FOR A ORGANIZED DATABASE FOR ALL YOUR ACTIVITIES IN THE INSTITUTE? TECHNICAL COUNCIL PRESENTS YOU A DASHBOARD FOR ALL NITT STUDENTS TO HELP THEM KNOW ALL THE ACTIVITIES THEY DID!

ABSTRACT

NITT presents students with plethora of opportunities and students indeed attend/participate in as many events as they can. The objective's of the Initiative are:

Over the course of 4 years, a student may feel a need to have official confirmation of what all events/ competitions and all other opportunities they participated in and also the results.

It would be really great for the student to attach notes for all events they attended to learn and revise the crux of the event.

Also if a student gets recommendations on what he should attend/participate would be toppings on the cake.

PROJECT SD

- Basically we are going to make a web app for dashboard which will fulfil the objectives of our initiative.

- This project will demand skills in Webdev, Data Management, Data Analysis, Login Authorization.

- To make a dashboard is one aspect and maintaining is another.

- This Dashboard will strictly not have any of the data linking to the Institute courses and any other electives if opted.

- This dashboard will have data for the events which are managed by students like Fests, Clubs and Symposiums.

- All registrations for all types of events will happen through the portal only.

TICKLIST FOR THE PROJECT

- UI/UX design

- Encryption/Security (HIPAA compliance/Bank-level)

- Web app(ReactJS) , Backend API(NodeJS)

- Login(Dauth)

- Data Collection from All fests, clubs and symposium's

- Analysing Data(for TC and for users too)

  - Giving Insights to users and TC

  - Usage of Hastags for recommendation

  - Personalized recommendation with Ml(other events you may like, frequently attended together)

- Spider club has a app, 'Lynx' which has data for all upcoming events of all clubs

  - Arranging a meet with spider for the collaboration of entire project with them.

- Maintainence of webapp and traffic handling.

MEET 1-(SENIOR MEMBERS OF COUNCIL)

- Objectives of the meet:

  - Explanation of the Initiative to the attendees.

  - QnA session

  - Getting data regarding the availability of members(coordinators)

  - Getting suggestions from attendees as to any other feature to add/ data security/ Collab possibility with spider and delta / integration with already existing website and everything in general.

MEET 2 (WITH THE COORDINATORS)

- Explanation of the Initiative to the attendees.

- QnA session

- Knowing more about the coordinators as to

  - what in the projects excites them the most.

  - In which subtasks can they coordinate.

  - What new feature they want to see in the project.

- Getting data regarding the availability of coordinators in future.

- Wrapping the meet hopefully with a juice party.

TASK DISTRIBUTION

- Now the data regarding the general availability is gathered , A timetable will be made to complete the project in the fastest possible time.

- In the Ticklist page we had several tasks to be completed, now those tasks will be distributed amongst the team and also the clubs we will be collaborating with.

- As of now I will be assigning tasks to the required club, but incase if the team is has a member with the skill to complete the task then priority will be given to him.

- UI/UX design
  - Spider and graphique
- Encryption/Security (HIPAA compliance/Bank-level)
  - Spider
- Web app(ReactJS) , Backend API(NodeJS)
  - spider
- Login(Dauth)
  - Delta
- Data Collection from All fests, clubs and symposium's
  - Coordinators will be given tasks to talk to collect historical data of the events they conducted and also details of participations(in excel sheets) if the have it..
  - A message will be sent to the official heads of all fest, clubs and symposiums to kindly coordinate.
  - The Respective Coordinator will also have to do data extraction from the excel sheet.
  - The number of clubs assigned to one coordinator will be inversely proportional to number of events those clubs conducted.

- Analysing Data(for TC and for users too)
    Giving Insights to users and TC
    Usage of Hastags for recommendation
    Personalized recommendation with Ml(other events you may like, frequently attended together)

    This task will also be done by the Tc Team only.
    Basic knowledge regarding data analysis will be expected(this will be informed in the meet itself)
    It will require skills in excel, data analysis, Visualization of data using libraries

- Spider club has a app, 'Lynx' which has data for all upcoming events of all clubs
    Arranging a meet with spider for the collaboration of entire project with them.

    Spider will also be allotted to make a portal to make a common registration window for all sorts of events like any club can come make a form and upload on the website.
    In The social media handles and lynx app only the dashboard link will be shared and registration will happen.
    It also implies that, in future no data collection would be required since all the data will be with us.

- Maintainence of webapp and traffic handling.
Spider and Tc

GENERAL INSTRUCTIONS TO ALL EVENT MANAGERS

- The only portal for registration should be from SD website.

- A brief and detailed(if necessary) description should be uploaded in the form.

- Hastags are a must for every form, all relevant keywords should be using hashtags with them.

- Since the basic details like Roll no., Name, MailId, Dept, Gender is already with us, only high level details should be asked.

- If the event is open for Non-NITT students too, then a separate form should be introduced for them, and should clearly mention that NITT students should prefer registering through the SD.

- All data regarding respective data will be sent to respective authority in real time(if possible by the tc team)

MEET 3

- This will be personalized meets

- Coordinators will be assigned to catchup with the responsible people, regarding the status of the tasks they have been allotted

- Any issue if not sorted in the call will be discussed with managers and heads

- I will coordinate with all my tc coordinators regarding the status through our group, call if necessary.

- If any coordinator is not available, either the manager or any other coordinators will be assigned the job.

- Since All things will have to integrated with each other a discord server/MSTeams can be helpful for proper management of the project.

MEET 4

- By now the tasks should be completed and we will have a combined meet to discuss the project in general and the future aspects of it regarding publicity and official permission from the institute to release the webapp.

- Publicity will be done by Instagram, whatsapp and lynx app.

- Also me along with coordinators will go in each class to introduce students with this development.

THANK YOU FOR GOING THROUGH THE FRAMEWORK OF THE PROJECT

- Aman Patni

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- Civil dept