Comp project

Progress done today:

horizontal line

* **2-8-23**
  + **Aditi-** figured some shit for hi3 out, with javascript and some css. Not the best yet, but have got somewhere. Few things here and there to add, but will be done by Monday max.

**Suraj-** Learnt django stuff in my try django studybud. Found some features that will be very useful in our project. Will get working on our actual project tomorrow at school during both periods and both sports periods, so we get 4 continuous periods and I can take all the useful stuff from my try django studybud and implement it in our project the way it needs to be implemented. Still learning a bunch of it tho, so that should theoretically be done by the end of this week.Then i can build the whole backend and all i will need is for aditi to make the frontend files. Lets do this shit.

* + **Nafisa-**
* **3-8-23**
  + **Aditi-** did somethings related to layout and formatting, however it'll take some time for it to take an actual shape
  + **Suraj-** worked on saving the events in the database and having it be a many to many relationship with the users. Yet to finish. Will have to link the events page to this next and display custom events. Will have to work with the team to see what all parameters an event should have in the database so that we can seamlessly load the particular users events on their screen after they login.
  + **Nafisa-**
* **4-8-23**
  + **Aditi-** worked a bit on the hi2 and hi2 regarding layouts and understood few things. Hi3 will be continued trow, as soon as possible. Have made quite a few changes.
  + **Suraj-** Fixed the database system for many-many along with saving user data specially with USN email and pwd. Will have to integrate the events displayed on the events page and all the attributes of that event like the picture, the description, the date, time, venue, depending on the events of that user. And using a for loop in the html to display those in hi2. Then I will get started on getting the image fields fixed and then think of the logic for the ticket generation and sending.
  + **Nafisa-**
* **5-8-23**
  + **Aditi-** hi3 is basically done, I just have to add overflow and idk what to do with the balcony. I could keep a separate button for balcony altogether or we could ask the user to scroll down (in this case scenario the user will not know about the balcony unless there is a message on where the balcony is) I'll also be adding a button is go back to events, so that it's much more user friendly. I'll also be fixing some numbering stuff. The balcony problem must be discussed as a group.
  + **Suraj-** I think I fixed the database part of the backend fully. Ive put in all the attributes and done all the linkings. I may have to add some stuff in the unique part of the code and migrate it all again. May also have to change to MySQL for more resume in our project. I have fixed up events page such that only your events load. I look to link up the events page with hi3 and get working on that next, once aditi is done with it. Until then, I can work on making the ticket. Layout, lets discuss it as a team and then see it. But i still dont know how im going to store the ticket as a picture. Must see that. The login and events pages are done. On clicking the event, (I want them to be able to click the whole event block) I want them to have two options. To see the ticket or change/book seats. Unsure if I want to add in a change feature just yet since it would complicate ticket stuff when it comes to QR code and all… If we are not adding changing, then prolly just send them to booking page on click and check if theyre already booked.if so, send them to ticket page. There, keep an option that says email me the ticket. (in case they want it again.) On second thought, in the backend, we need a many to one linkage between users, events and Hallplan (maybe in linkage) to see which seats are booked and by whom…
  + **Nafisa-**
* **6-8-23**
  + **Aditi-** as for me, hi3 is getting real close to getting done. I'm almost done with perfecting the layout. However I have to add seat numbers on top of each seat. I also have a few ideas in mind to bring it to life. The reserving of seats has been taken care of, courtesy me. Hi3 should be finished by a day Or 2,then we can start polishing that as well.
  + **Suraj-** Got the events to be clickable and sendable to that events booking page while performing necessary checks for authentication. Must now work on getting the seat numbers and saving that in the db and blocking the seats. Must mainly work on what we talked about yesterday which was the manytoone relation between an event (blocked seats)and user to store the user that booked that seat and be able to block the seats blah blah… Once all the data and details and all are there, we must just polish that(code), add in the date and all… then ticket rendering is easy but sending the ticket picture to the users email may pose a challenge.
  + **Nafisa-**
* **7-8-23**
  + **Aditi-** PROPER LAYOUT IS FINALLY DONE!!! I ALSO MANAGED TO GET THE SEATING DETAILS (to an extent have to still configure it properly) THE BACKEND FOR THE FRONTEND IS COMPLETE. I will finish up the data for suraj as well. There are a bunch of front end shit to do but that's all just looks. BUT IT'S DONE.
  + **Suraj-Nothing.**
  + **Nafisa-**
* **8-8-23**
  + **Aditi-** FIELD TRIP
  + **Suraj-** FIELD TRIP (Nothing)
  + **Nafisa-**
* **9-8-23**
  + **Aditi-** hi3 backend is properly done, have given it to be connected with Django. I'll be working on making it look pretty and professional in the next few days. LET'S FINISH THIS SHIT.
  + **Suraj-** Connected the audi.html and other 2 files into the django backend. Now, it works properly on the website as you load it. Did some fixes and cleanups here and there in dajango try. Tomorrow, at school, will ask for internet access and figure out how to make the backend look good but naming all the linkages etc. will also discuss with team about the team and our progress and take it forward. Will also try to see the image getting for ticket and also add whatever other fields are needed for backend. Must also configure how we will work with siblings stuff. Will get seats data from audi tomorrow and send it to database. Must also send seats data to audi so that it can block.
  + **Nafisa-**
* **10-8-23**
  + **Aditi-nothing.**
  + **Suraj-Nothing.**
  + **Nafisa-**
* **11-8-23**
  + **Aditi- nothing.** Will work on getting the data from the selected seatsid array trow, and will mostly be done by trow afternoon (again not sure). After that, we have a bunch of things we will have to optimize. There are few changes, that are refusing to get changed, which ill have to ask Suraj to add, due to my inability. Front end, except for the QR code generation (which we havent even thought about), is basically done. I will keep you updated with whatever i accomplish on the trip trow, and i will not be able to do anything on sunday.If you want me to do anything, lmk before 5 pm trow. Text me once you see this.
  + **Suraj-** Have been trying for the past 2-3 hours to get data from the hallplan to django mostly in vain. Will keep trying tomorrow, im sure itll be done by tomorrow (hopefully). We tried google at school. I also tried chatGPT, asking it to explain aditis js code which it did. I then asked it how linking was possible. I seem to be doing everything right but just dont know enough about this to know where im going wrong. Even GPT has been totally stumped for like 2 hours now… Will try tom with a fresh mind.
  + **Nafisa-**
* **12-8-23**
  + **Aditi-** Almost nothing. However I managed to remove a few things on hi that were bothering me, and tried to think and search about getting some input values from js. I have a few ideas, I'll try to send them later. Hi2 linking colors are also done, so it looks 10x better now. I removed the spinning (thank goodness for that) and i think I found a way of getting the image to render in faster. I'll have to try it at school where there is shit internet (lmao). I'll hopefully send all the changes and shit soon, but not today or the next day.
  + **Suraj-Nothing.**
  + **Nafisa-**
* **13-8-23**
  + **Aditi-** HI AND HI2 FINALLY LOOKS GOOD!!! IT LOOKS SICK.
  + **Suraj-Nothing**
  + **Nafisa-**
* **14-8-23**
  + **Aditi-Nothing.**
  + **Suraj- nothing.**
  + **Nafisa-**
* **15-8-23**
  + **Aditi-** Worked around the layout, but not many changes as such
  + **Suraj-nothing.**
  + **Nafisa-**
* **16-8-23**
  + **Aditi-**Nothing.
  + **Suraj-**Finally got the data of the selected seats from the js and saved it in the database. Have taken the seats into the db and saved it in both the users seats of that event and in the blocked of that event. Will have to work with aditi tomorrow to link the blocked seats from the db to the UI and blocking those seats. Will also have to see that the submit button will be big and will check if the seats are available etc… Whats majorly left is ticket generation and details and all that jazz… So far, we have the login page done and dusted, events page done but make that no events available look nice (aditi). Then booking is almost done, aditi has to do some formatting stuff and i have to make sure the blocked seats are the ones from the db. Then ticket page with details and QR and emailing it. After that we will have to see the debugging part like siblings, bad inputs etc. django manages most of that for us but ygtp. Then we will have to clean up the code and make it as concise as possible. If needed, we can put it all in one file also lmao (jk). Then we have to work on making the backend proper and nice. The linkages should be based on classes and should be named etc… then we present.
  + **Nafisa-**
* **17-8-23**
  + **Aditi-** Tried getting data, nothing as such worked, which is mildly pissing off
  + **Suraj- Nothing much.** Just tried sending data from html to js.
  + **Nafisa-**
* **18-8-23**
  + **Aditi- Nothing.**
  + **Suraj- Nothing much.** Just tried sending data from html to js. troubleshooting, debugging…
  + **Nafisa-**
* **19-8-23**
  + **Aditi-GOT THE RESERVED SEATS TO FINALLY WORK!! (About time, like jeez)**
  + **Suraj-** Tried sending the data from html to js and getting the reserved seats to work properly for about 4 hrs. Not much to show for it but I did understand a lot more about js, html and all those wierd things in the inspect part while debugging.
  + **Nafisa-**
* **20-8-23**
  + **Aditi-** Thought of ideas for the ticket, on the layout, the fonts, the colors etc. Have to still decide on which layout, but hopefully it will be good.
  + **Suraj-** Got the reserved seats up and running by passing the data properly and all. Got the session logout on close and timeout after 20 mins. Will have to make the booked button check if seats are booked in real time as soon as its hit just in case. Ticket part (details and display and QR) is left. Doubt well be doing email. Siblings checking part is left. Grouping the data in the backend and cleaning up the backend and making it more efficient is left. (V imp cause we dont want the school to sit and make linkages for each student and event. Maybe try to figure that out with Rahul in school, the logic part of it. How the Sclass will be used to make groups or whatevs. Idk. Name the backend linkages and all. IDK how yet, look into it.
  + **Nafisa-**
* **21-8-23**
  + **Aditi-** Added the image to audi, as well as row numbers. Tried working on getting the stupid dot off the screen when hovering. Nothing is working and that is PISSING ME OFF so much. Ill be getting the image and the reworked js to school. (havent checked with django yet cause of caches that i am too lazy to remove every edit).
  + **Suraj-**Learnt about groups and backend naming but not much overall…
  + **Nafisa-**
* **22-8-23**
  + **Aditi-** Finally fixed out the layout (it looks great), the tooltip is just not working as I want it to(the dot is just not disappearing). I might have to change the image idk. I added “balcony” text right bw rows O & AA. Ill be changing the font as well, make it look clean and professional.
  + **Suraj-Nothing** (Allen test)
  + **Nafisa-**
* **23-8-23**
  + **Aditi-**fixed the tooltip. Finally. It was one line. I had to just remove that. Im extremely tired and annoyed. Someone help me.
  + **Suraj-Nothing** (Allen test day)
  + **Nafisa-**
* **24-8-23**
  + **Aditi-Nothing**
  + **Suraj-Nothing** (Studying other subs)
  + **Nafisa-**
* **25-8-23**
  + **Aditi-Nothing**
  + **Suraj-Nothing** (Had guests the whole day then allen.)
  + **Nafisa-**
* **26-8-23**
  + **Aditi-** Talked with Suraj about few “easter eggs”, and got started on ticket.html.
  + **Suraj-**Worked on changing the backend and tried out different ways to get about the classes and groups. Tried to make the backend easier to fill by removing the USER model and instead putting Sclass, myevents and siblings in inbuilt User module. However, after 3 hours, this was still futile and nothing worked, there were a lot of errors and debugging them still led to it not working out. So we will not be using that approach, will be seeing what other ways I can do it tommorow. We could perhaps let the class and section and senior school etc be the groups and the way of identifying can be to see which group they are in. As for myevents, I think that will be handled by the groups permissions. I am not sure how yet but we will try and see. As for siblings, we can create a USER for only those students who have siblings here now. The main problem right now is to get the relationship working without having to make a linkage for each student. For this, I am looking to use groups and keep the event names as the permissions. That way, we dont need a many to many relationship and linkages intermediate model. Instead, we can just do events.get(<name of permission>) and get those events somehow.
  + **Nafisa-**
* **27-8-23**
  + **Aditi-audi.html is really buggy, but it’ll do for the time being.**
  + **Suraj-**Yes! I changed the whole approach yet again. Still with groups but no permissions or anything of that sort. I managed to make it extremely complex and complicated but then once I understood it and understood what was going on at a deep basic level, there was an epiphany/aha moment and I got an amazing one. USER is now Siblings and only has one attribute siblings which is connected to the user by a onetoone field and is optional (not necessary). Events remains the same (I have removed attendees but we can get it back or use the new reverse relationship method (like back propagation kinda thingy.) So first, the admin must create certain groups. Ex: 12A, 12, 11, Senior school, etc… While creating a user, they MUST join them in those groups where they belong. Then later,they only have to link the event to the group. Once that is done, the users in that group will automatically be linked to that event (only once) which work as usual. Its very smooth and easy on the admins part (as they no longer have to make new linkages for each event for each user.) Its beautiful and a lot cleaner than before. Everything has been named properly in the backend too. and im finally happy with the backend. It still needs a lot of drilling, debugging, small patches and changes like uniqe\_togethers etc. and sibling algorithm is yet to be done by Rahul. I barely understand it so we will need a lot of drilling and debugging on it but this should be the final backend. Frontend is also almost finally done by aditi (except ticket). Once ticket details is done, we clean up the source code and then it should be ready for presentation. (sibling algorithm will be done by rahul only after wed as he is out of town)
  + **Nafisa-**
* **28-8-23**
  + **Aditi-** Audi is buggy as hell, ill mostly fix it trow. Ticket is ehh, not the best. Ill be making it look nice over the next couple of days.Im glad to see the project almost coming to an end, its been wonderful.
  + **Suraj-**Got the updated audi and ticket html from aditi and linked them together with the code such that they display proper info except QR code. All that is up and running properly. I took a demo vid showing everything. Right from the empty backend where I then make groups and all and then all the way to the full demo of the frontend. The backend needs to be cleaned, debugged etc as I was saying yesterday…, then we will have to bruteforce try to break it and find the weak points, then we will have to red team it a couple times. Then source code clean up and done (except siblings and QR (and email)). Were now actually reaching the end of the project imo. Aditi still has to fix a few things in audi tho. She didnt seem satisfied with ticket either. Idk.
  + **Nafisa-**
* **29-8-23**
  + **Aditi- nothing.** Just remind me to make the changes to audi (in school dajango\_try) before showing it head etc etc. It's primarily only adding padding part.
  + **Suraj-Nothing.** Backend is done. Its proper. Source code cleanup is throwing errors…
  + **Nafisa-**
* **30-8-23**
  + **Aditi-** Fixed the stuff that was bugging me on hi2 (have sent it to you, change that). Started working on the page where we add our names and stuff (it's almost done only have pics and extra stuff) I'm too lazy to start the @media thing as of yet, idk if I wanna do it as well.
  + **Suraj-Nothing.** (backend is done)
  + **Nafisa-**
* **31-8-23**
  + **Aditi-** Lots of drama, but besides that, im working on the 2 extra pages that were requested. Should be done trow during class (if possible).
  + **Suraj-Nothing.** (teachers day stuff)
  + **Nafisa-**
* **1-9-23**
  + **Aditi-**
  + **Suraj-Nothing.** (idk)
  + **Nafisa-**
* **2-9-23**
  + **Aditi-**
  + **Suraj-Nothing.** (tired and all)
  + **Nafisa-**
* **3-9-23**
  + **Aditi-**
  + **Suraj-Nothing.** Just discussed name for like an hour with aditi, samana, shreya, chatgpt(3.5), bing ai, name generator, godaddy name generator, etc. (Creativity is dead.) Apparently we need reports page for admins only and we need a page with our names and name of project. Must link that soon. Must also take care of the whole QR code thing. Will make the qr code scannable to a link that is accessible only to the admin to confirm that it is a proper ticket and confirm the seats at the entry. Apparently they also want us to send email. I think thats a bit too much expectations. Ill see it later. Break for now to study. If someone asks us to do something soon (like if we get some presentation with GS or smthn somehow. Taking a break from project till then. Its mainly done.)
  + **Nafisa-**