EASYTUT®R

Tuition Center

1. Use Case Diagram

2. Wireframes

Expanding into the tuition center sector, EasyTutor plans to establish numerous centers throughout Singapore. The company intends to recruit both full-time and part-time tutors to join their team. Additionally, they aim to implement a cloud-based system for overseeing the tuition centers, with administrators assigned based on their respective locations. Since EasyTutor only wants to have internal use of the system, we should not allow public users to register to the system. Consequently, accounts are only created for those have signed up with tuition center externally via email or EasyTutor's public website.

The proposed business model is designed to balance flexibility and commitment. Teachers commit to a minimum of two sessions per class, each lasting two hours, with a predetermined hourly rate. Students are encouraged to enroll for a minimum of two sessions per class, and for those seeking more, our system accommodates customization during the payment process, particularly for monthly enrollments.

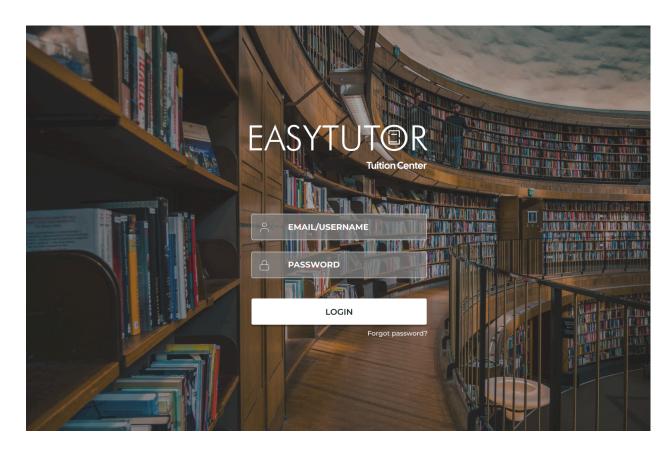
To address unforeseen circumstances, such as missed sessions, we've implemented a session exchange policy. Students may request an exchange, subject to manual approval by the tutor and schedule compatibility, providing a solution for unexpected disruptions. To uphold the integrity of our learning environment, students are required to complete the payment process before securing a class. This ensures a commitment from students and cultivates a focused and engaged community of learners.

Acknowledging the costs associated with online and onsite facilities, as well as the possibility of tutors acquiring students independently, our revenue-sharing system ensures sustainability. In instances where tutors no longer use our facilities, we retain 50% of fees collected, directing the remaining 50% to the tutor.



Welcome Page

This is the welcome page of the EasyTutor tuition center that allows three stakeholders including admins, which are the main users of the system, as well as official students and tutors under EasyTutor to log-in.

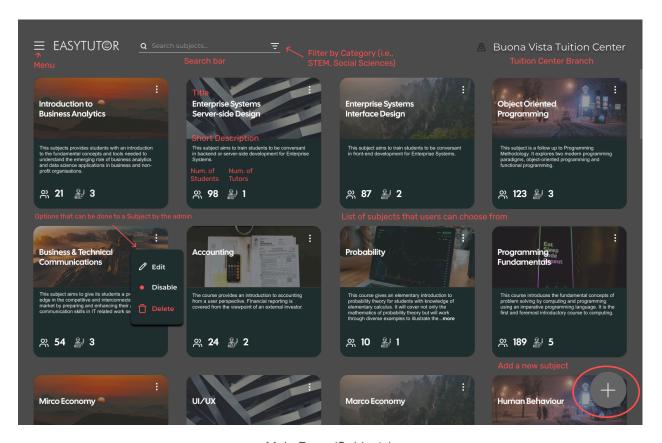


Login Page

Upon accessing the welcome page with the correct log in option, the system will redirect them to the login page, which is the same log in page for all options, as the system is able to recognise the role of different stakeholders through the account record. Subsequently, they are prompted to input the credentials associated with their existing student, tutor, or admin records as provided by EasyTutor. In the event of a password modification or if the password is forgotten, users can initiate the password change process by selecting the "Forgot password" option. This involves utilizing the email or contact number details associated with their initial sign-up.

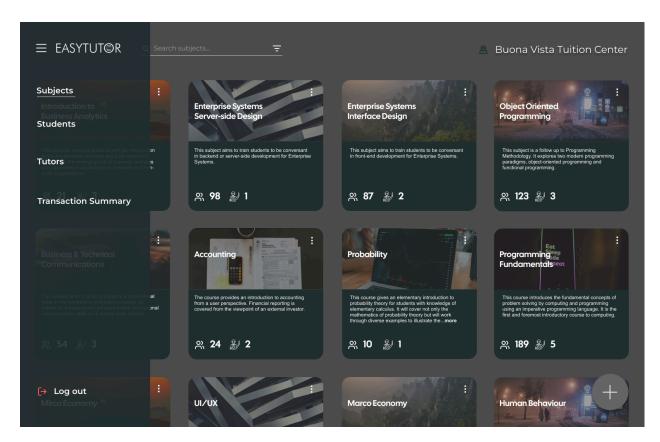
2.1 Admin Viewpoint

2.1.1 Subjects Menu

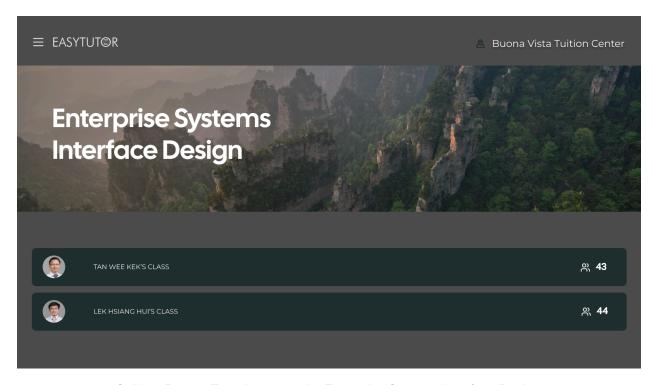


Main Page (Subjects)

EasyTutor's Subject Management Subsystem empowers administrators to handle existing subjects through disabling, deleting, and adding. Admins can effortlessly locate subjects using the search bar and filter function. Each subject includes details on the number of students and tutors (classes). To better navigate the system, a navigation bar indicates the associated tuition center. While the top-left menu provides various options ranging from Subjects, Students, Tutors, and Transaction Summary for admins to operate and explore. Additionally, there is a log out functionality for admins to exit from the system.

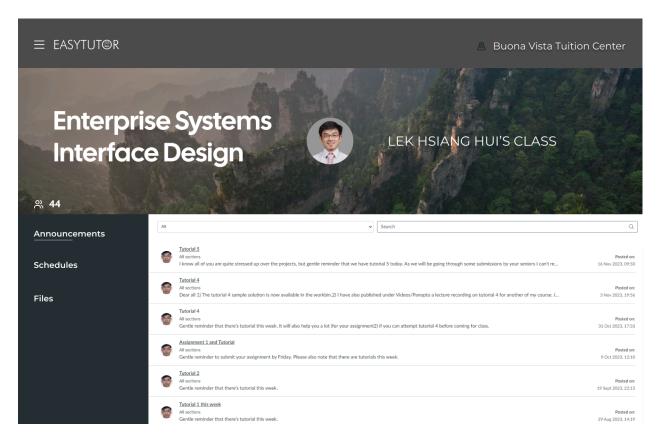


Menu Bar

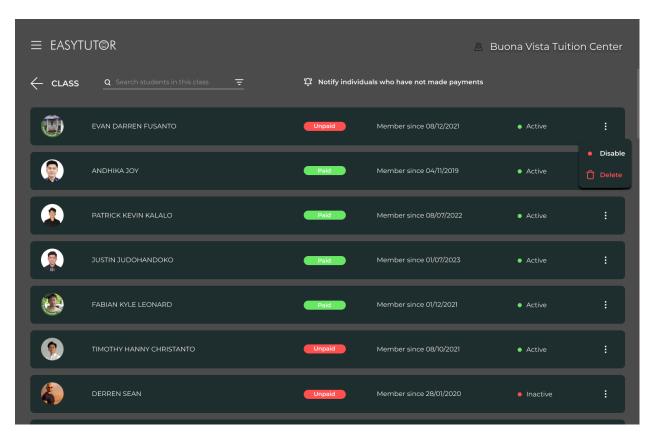


Subject Page – Two classes under Enterprise Systems Interface Design

When admin navigates to one of the subjects listed on the main page, the system redirects them to the subject-specific page. This page includes the title, along with a breakdown of classes taught by different tutors, each displaying the respective total number of students under each tutor. Under a certain class page there are sections including the announcements, schedules and files shared by the tutor. Finally an admin can check on the 44 students' status in the class.

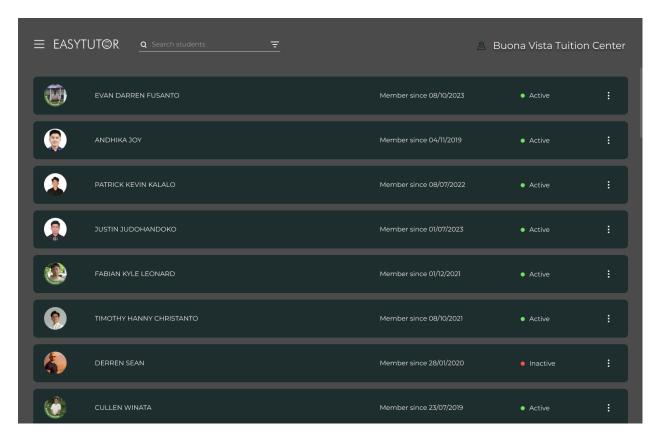


Class Page – Enterprise Systems Interface Design under Lek Hsiang Hui

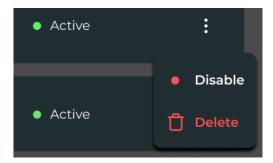


Class Page (Students) under Lek Hsiang Hui's Enterprise Systems Interface Design

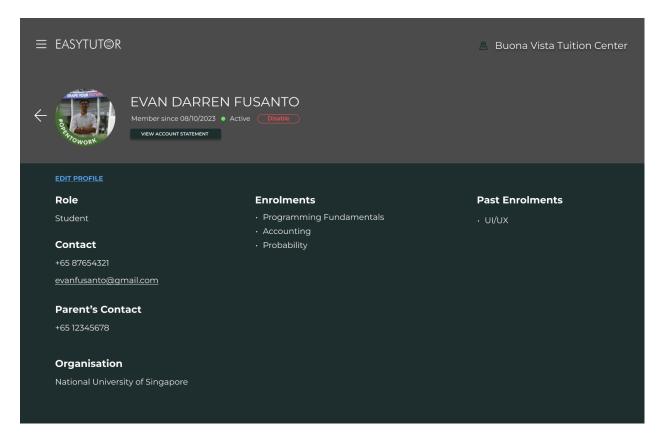
2.1.2 Students Menu



Students Page under Buona Vista EasyTutor Tuition Center



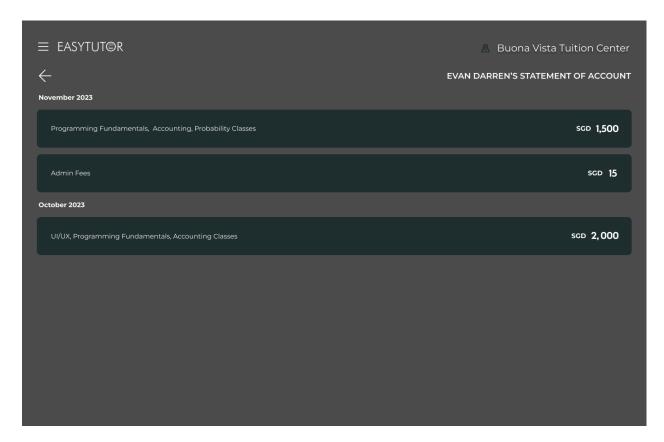
The page above shows the list of students with their corresponding join date as well as status at the tuition center supported by the search function. Admin is also able to disable, ban or delete by clicking on the three dots at the end of the student's panel.



Evan Darren Fusanto's Student Profile Page

If admin wishes to view a certain student's profile, they can tap on the student's name and it will direct admin to the student's profile as shown above.

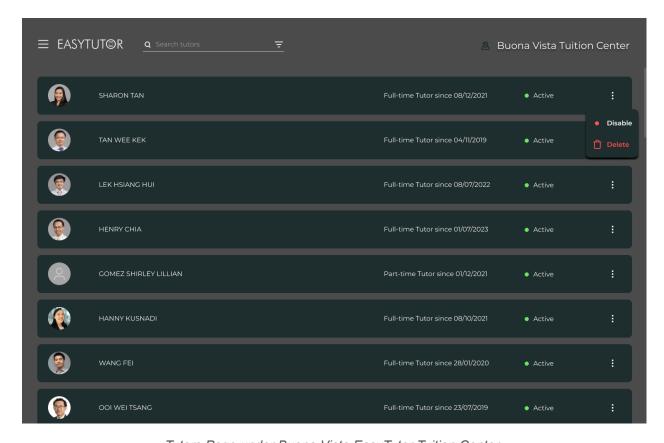
Moreover, admins have the capability to modify profile details such as contact number, email, and organization. If a student's picture is deemed inappropriate, administrators can also edit it. Additionally, for the convenience of processing tuition fees, admins can review a student's account statement to identify any outstanding fees, especially in cases where the student or their parent may have forgotten to make a payment. To check on the details, admin can click on each of the panel to view the details (similar to the figure here).



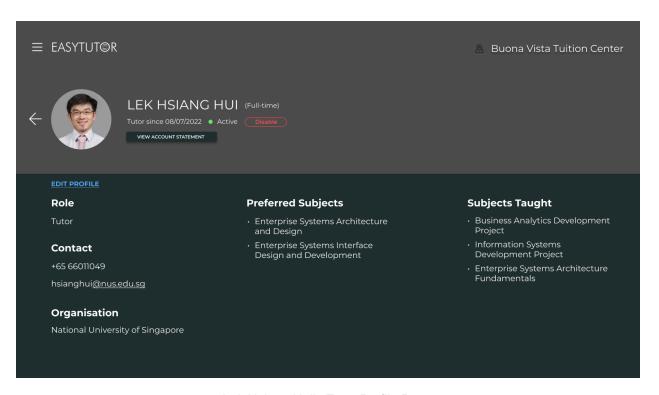
Evan Darren Fusanto's Account Statement

2.1.3 Tutors Menu

Similar to the Students menu, administrators have the ability to view, disable, and delete tutors from their database by selecting the three dots. If an administrator wants to search for a particular tutor, they can enter the relevant information into the search bar, and the corresponding results will be displayed. To view details, the administrator can click on the tutor's name, which will redirect them to the profile page of the selected tutor. From there admin can access or edit the tutor's information including the payroll statement.



Tutors Page under Buona Vista EasyTutor Tuition Center



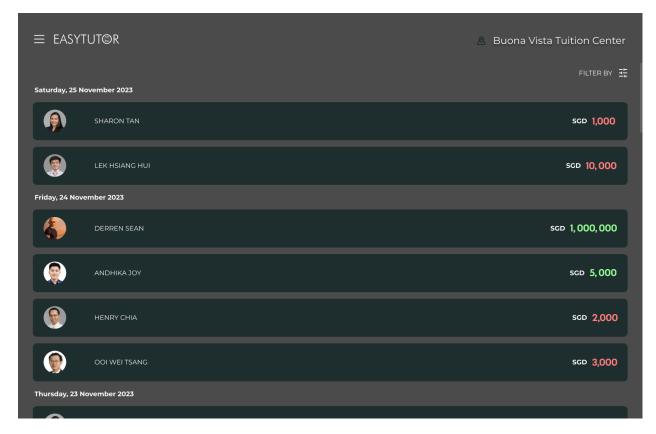
Lek Hsiang Hui's Tutor Profile Page



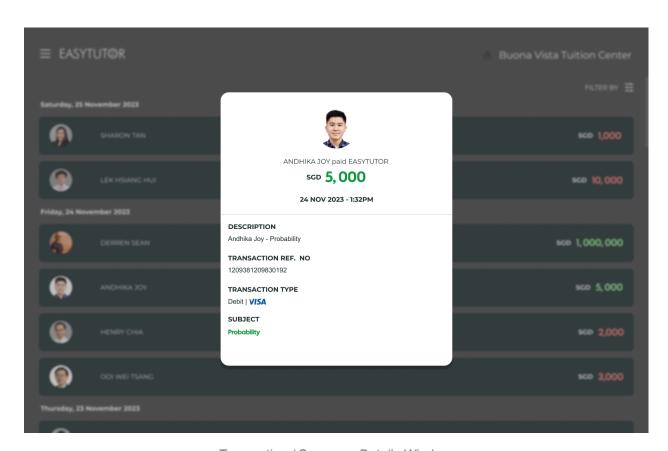
Lek Hsiang Hui's Payroll account statement

2.1.4 Transaction Summary Menu

Within this section, administrators have the capability to monitor the financial operations of the tuition center comprehensively. This involves overseeing both incoming and outgoing transactions, along with accessing a detailed transaction history and information about the payees involved in the financial transactions. The administrator can gain a comprehensive understanding of the financial landscape by exploring the ins and outs, ensuring transparency and accountability in managing the financial aspects of the tuition center.



Buona Vista EasyTutor Transaction History (Summary)

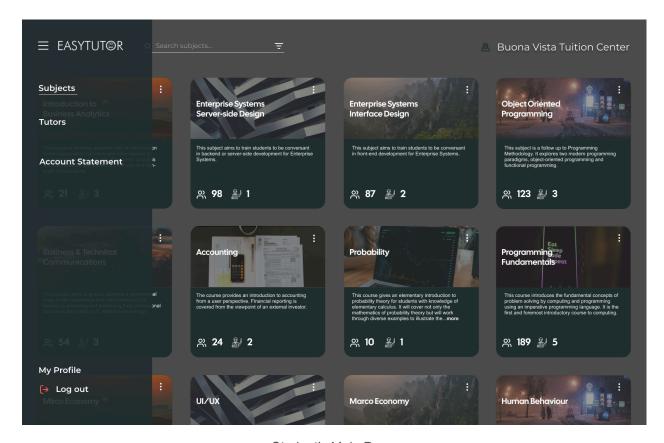


Transaction / Summary Details Window

2.2 Student Viewpoint

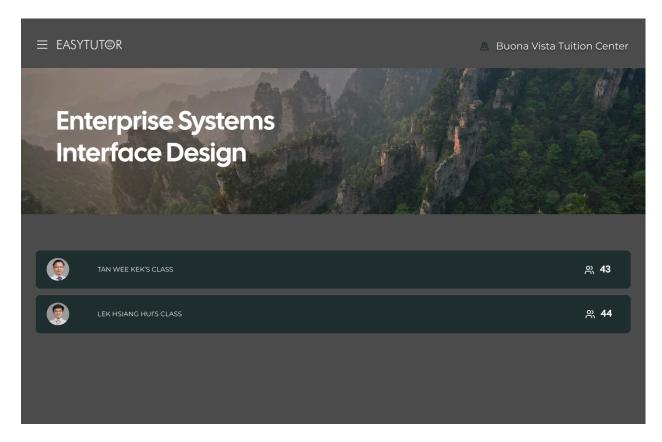
2.2.1 Subjects Menu

Similar to the administrator's perspective, the Subjects main page is populated with the subjects offered at Buona Vista EasyTutor Tuition Center. The option dots provide various functions, and for students, the only available action is to unenroll from the subject panel. This limitation is in place as students are permitted to follow only a single class per subject.

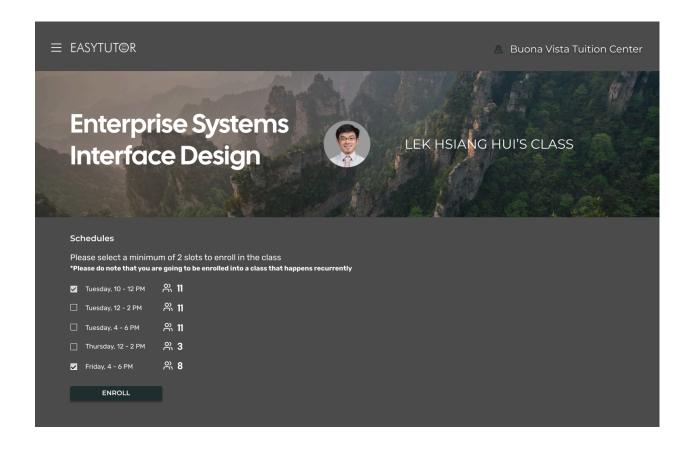


Student's Main Page

However, when it comes to looking into the subject page itself there are some differences considering that students are able to enroll and unenroll to different classes from different subjects. To safely process this enrollment, the students are able to view the different classes for a specific subject as shown below:

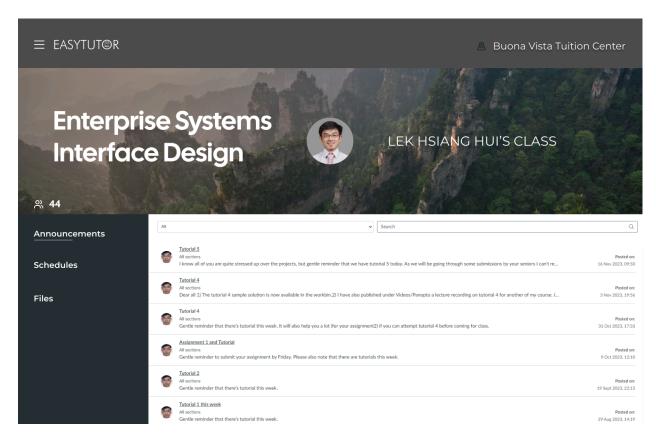


Subject Page



When a student clicks on a specific class, the available schedules for that class will be displayed. To enroll in the class, students must select a minimum of two schedules from those set by the tutor. Payment is a prerequisite for class enrollment, and students are expected to pay upfront on the payment page (similar to the figure here). In cases where fees remain unpaid, the status will be indicated as "unpaid." To settle pending fees, students can conveniently access the payment option through the Account Statement Menu.

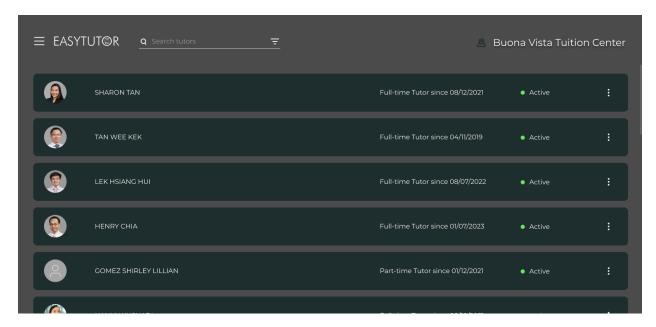
Once enrolled the class will look similar to the image below:



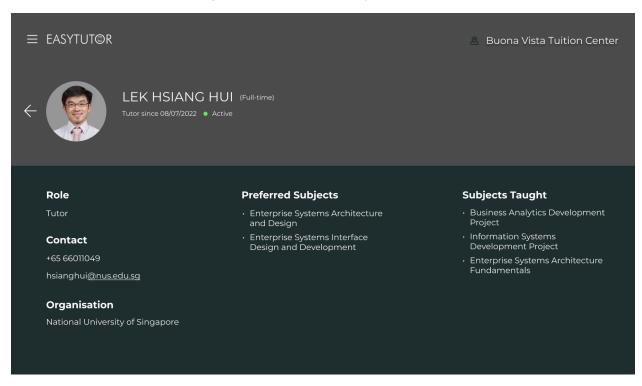
Class Page – Enterprise Systems Interface Design under Lek Hsiang Hui

2.2.2 Tutors Menu

In this menu, students can browse through different tutors with their corresponding profile details that the tuition center provides.



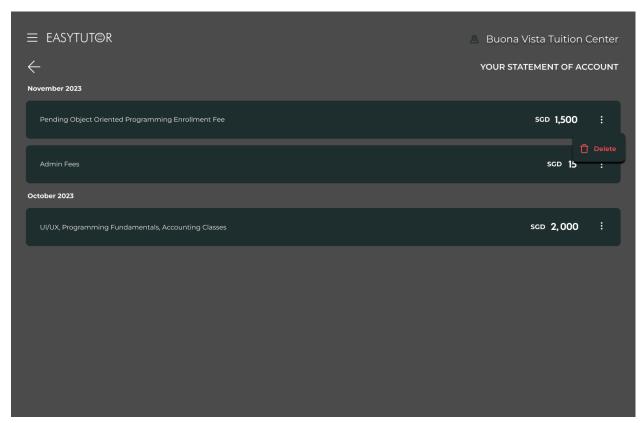
Tutors Page under Buona Vista EasyTutor Tuition Center



Lek Hsiang Hui's Profile page on Student's view point

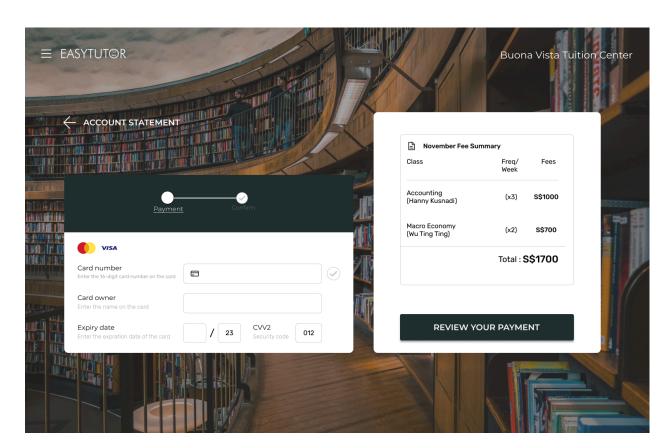
2.2.3 Account Statement Menu

This is where all the pending fee payments and outstanding fees are listed.



Student Account Statement Page

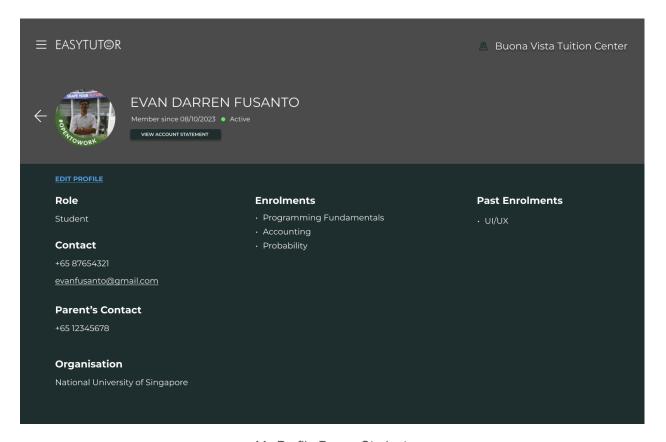
If lets say if someone wishes to delete the pending enrollment payments, they are able to do so by right clicking on the option buttons. Otherwise, they can click on each of the panels to pay the fees at the payment page.



Payment Page

2.2.4 My Profile

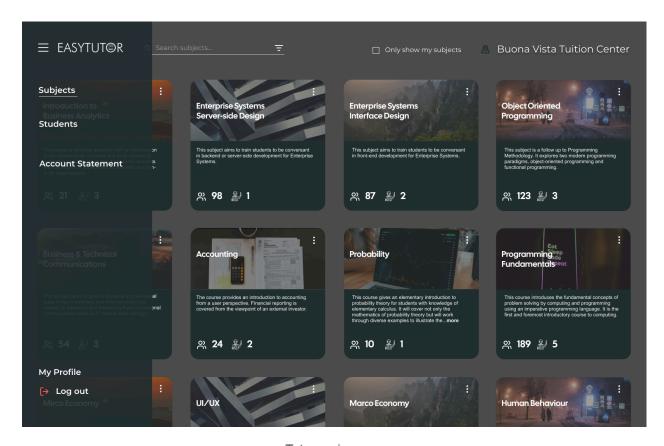
This is the profile section of the current account owner where he/she is able to edit the profile picture, organisation, contact numbers and email address. On top of that students are also able to view their account statement by clicking on the view account statement button, which will direct them to the Account Statement Menu. The enrolments and past enrolments are generated based on the student record and are not available for edits.



My Profile Page - Student

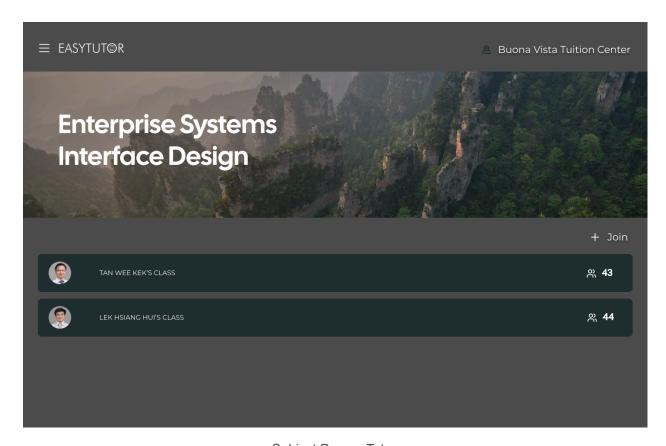
2.3 Tutor Viewpoint

2.3.1 Subject Menu



Tutor main page

Similar to the admin and student main page, the main page are filled by subjects that are available under Buona Vista Tuition EasyTutor Tuition Center. Furthermore, there is a function that tutors can toggle around is the "Only view my subjects" box. If tutor ticks this box, system will only show the subjects that the current tutor teaches on the main page.

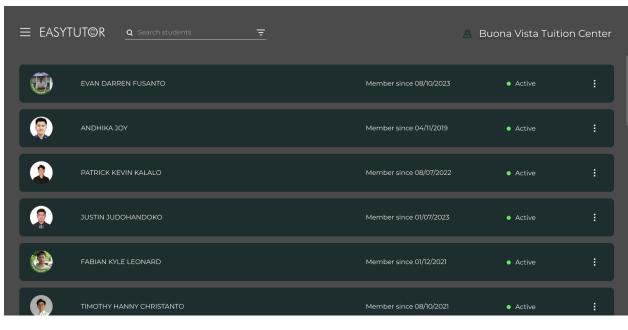


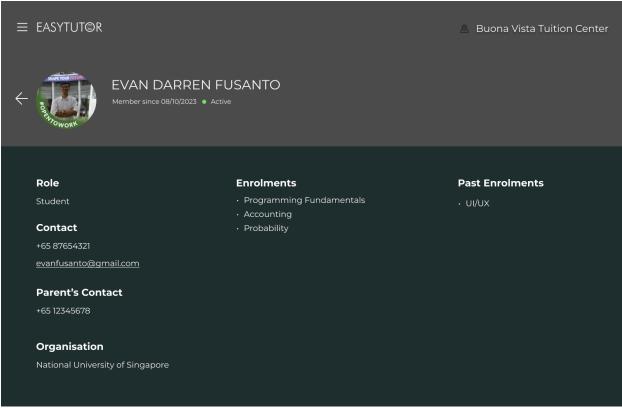
Subject Page - Tutor

Upon accessing a certain subject, a tutor is able to view other classes by other tutors under the same subject. If tutor wishes to teach the same subject as well, the tutor presses on the + Join button to set up his/her schedules (minimum 2 schedules) for the class through a form on the pop up window. Upon successful creation of the class, the tutor can now access his/her own class by ticking on the box on the main page.

2.3.2 Students Menu

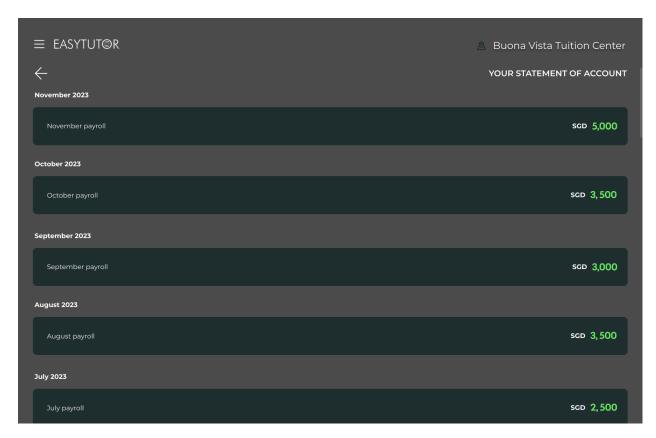
Similar to every students menu shown before, this enables tutors to view students under a certain tuition center, in this case Buona Vista EasyTutor Tuition Center.





2.3.3 Account Statement Menu

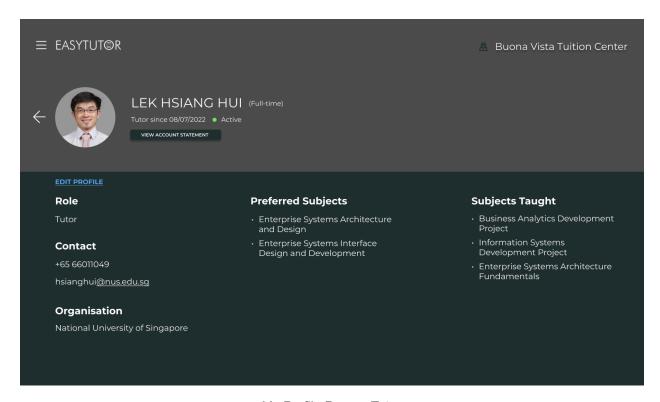
This menu provides a media for tutors to view and access their payroll to ensure successful transaction between EasyTutor and the tutors.



Tutor Account Statement Page

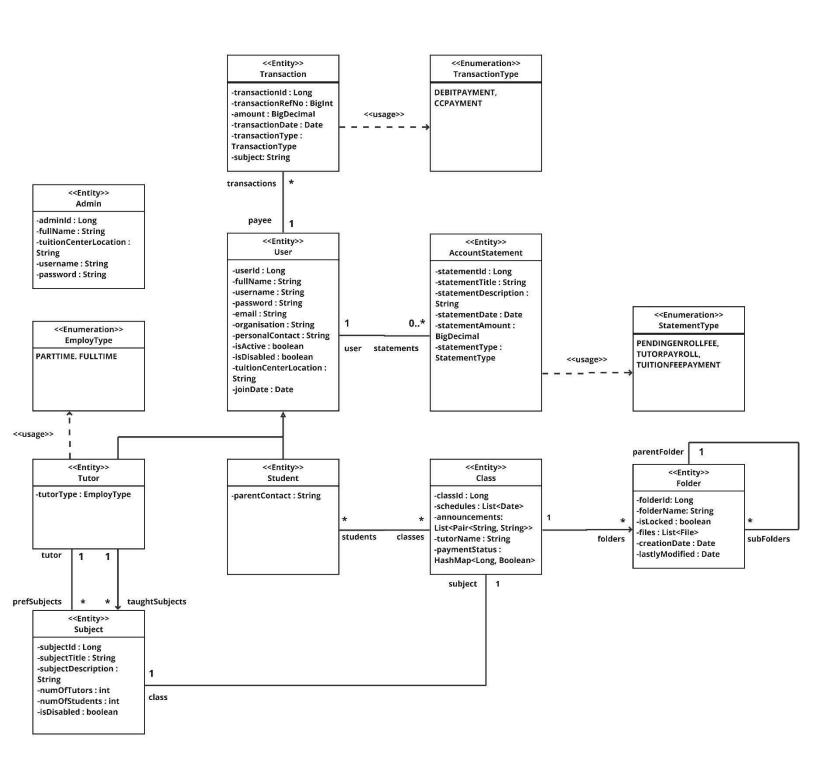
2.3.4 My Profile

This is the profile section of the current account tutor where he/she is able to edit the profile picture, organisation, contact numbers and email address. On top of that tutors are also able to view their account statement by clicking on the view account statement button, which will direct them to the Account Statement Menu. The preferred subjects and subjects taught are generated based on the tutor record and are not available for edits.



My Profile Page - Tutor

3. Domain Class Diagram



EasyTutor Tuition Center Domain Class Diagram