Project Charter

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| **Title of the Project :** | Student information and learning management system |
| **Batch :** | Weekday |
| **Development Technology :** | Java |

**Description of the Project:**

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| The organization that we have targeted in our system are educational institutions that conduct extra classes by renting their physical spaces to teachers and students.  The institution that we used is NextGen Higher Educational Centre in Galewela with about 200 students enrolled and about 20 teachers teaching different subjects in secondary education (O/L, A/L).  The system that we will be designing is able to manage and handle all the work carried out at this educational institution. Main stake holders of this system are students, teachers, institution management staff. Through this system the students in any grade can register, login, attend their lessons according to timetable and make payments and can obtain their relevant lessons. Teachers can register login upload the lessons or conduct online lessons, upload additional reading materials. The managers of the system can update timetables, update classrooms, update notices, mark attendance of the students. A system which could perform these actions were in need because in situations where the country has travel restrictions, lockdowns or any other hindrances for the students and teachers to conduct their academic activities physically, this system would make their work more secure, unchallenging and more easy. This increase the monitoring, reporting and analyzing learning processes more effectively.  Our system does not only ease the work of students and teachers but the organization which it uses can conduct their activities without stopping their business activities such as getting their payments, hiring new teachers, enrolling new students, managing work of students and teachers, also improve the quality of student management ,student performance and communication although the whole country is under lockdown situation. |

**Details of the Group Members:** *(Provide the details of the group leader in the first row)*

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|  | **Name with Initials** | **Registration Number** | **Contact Phone Number** | **Email** |
|  | S.L.D.P Pramodya | IT20219598 | 0770397287 | It20219598@my.sliit.lk |
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**List of Functions Developed by the Group Members:**

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|  | **Name with Initials** | **Brief Description of the Function** |
|  | S.L.D.P Pramodya | **Package management**. Packages are students to follow along with their academic work. They can follow up a package related to their subjects. I can create, update, delete and insert these packages. Then students can search these packages. Finally can generate a report regarding no. of students registered in a specific package. |
|  | T.D.S Perera | **Notices and Advertisement management**. Publishing new notices, updating ,removing and searching available notices. Advertisements are being managed deleting and inserting new advertisements. |
|  | H.D.S Romeshika | **Teacher profile management**. Making teachers register, login, update and delete their user profiles. Also managing some other functions done by teachers such as uploading extra work, submissions. Teacher’s profile is being created, updated and deleted. |
|  | R.K.D.D Sulakshana | **Additional reading material management**. Inserting additional reading materials, updating and removing existing ones specified by teachers. Also extra work given by teachers, other resources such as books, past papers are being managed |
|  | R.M.N Kavindya | **Student profile management**. Making students to register, login, update and delete their user profiles and manage some other functions carried out by students. Student’s profile is being created, updated and deleted |
|  | A.M.K.A.P Amarasinghe | **Payment management**. Let students to make payments, updating them for lessons. Assigning students for the classes, updating and removing students. Removing teachers if they are no longer working at the institute. |
|  | A.A.K Venush | **Session management**. Creating the sessions, updating and deleting them. whenever students are enrolled if the existing session has exceeded creating new one or deleting whenever students leave the class or session is over. Admin can search by subject name and teacher’s name. Also can be Finally generate a monthly report of sessions held.  . |
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**USE CASE DIAGRAM**

