**Rapport N°1**

**L3 GL Group 1**

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**1.1 Problematic**

In the current days, it has become difficult for parents to follow their children to school because they are busy working late hours, and this has made it difficult to move to school to see the results of their children and their behavior in school and even justify their absence.

On the other hand, there is difficulty, as well, for the teachers, they have just a few hours to receive parents because of their preoccupation with work, and this often causes chaos in reception.

A large amount of the department budget is wasted on printing points sheets and school documents and finds it difficult to organize their delivery.

So what we need to do for all this problems?

**1.2 System objectives**

Our system is designed to solve all the problems by facilitating the follow-up of parents to their children in school in terms of access to all the results of the study, the observation of teachers and the possibility of justifying the absence without the father having to go to school.

In the end, the system aims to make it easier and shorten time and effort by bringing parents closer to teachers and school administration.

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| --- | --- | --- | --- | --- | --- | --- |
| 1-giving results |  |  |  |  |  |  |
| 2-justify the absence |  |  |  |  |  |  |
| 3-chat option |  |  |  |  |  |  |
| 4-bus tracking |  |  |  |  |  |  |
| 5-printing the documents |  |  |  |  |  |  |
| 6-signin option |  |  |  |  |  |  |
| 7-notification option |  |  |  |  |  |  |
| 8-upload courses and exams |  |  |  |  |  |  |
| 9-sechdule option |  |  |  |  |  |  |
| 10-payment |  |  |  |  |  |  |
| 11-activities |  |  |  |  |  |  |

**the analyzation :**

The great importance of the school in a child’s life is that it is the place where his eyes open to reading and writing, in which the child gets rid of ignorance and illiteracy, and begins to form a new idea about the world, and in school also the child’s talents and tendencies bloom, and he begins to define his choices and goals in life, so his perceptions expand, so this is not strange. For a child to reveal, while in the first grade, that he wants to become a doctor, teacher, lawyer, soldier, or something else. For him, school is the gateway to dreams that will take him to more important and higher stages of study. The academic system is similar in most countries, where the student begins in the primary stage, where the task is easy, and then gradually progresses to the stage of difficulty as he passes the stages, where in this career his grades play a major role in guiding him to know the majors he wants and his goals. And he controls his career as well as his absences, where if the absences increase, this calls for a meeting to be held and a discussion of his status on the part of the school. And the successful system in the eyes of all, is the one that cares for the student more, and that is by providing all that the student needs in terms of transport and food The role of the father in his son's success in studying plays a large and effective role, as keeping track of them is one of the important roles that contribute to their success .The student’s path is also controlled by the principal and the teachers, where the role of the principal is to set rules that the student follows and maintains order in the institution, and the role of the teacher is to teach, set lessons and evaluate the student throughout the school year. There’s also the administration and their principal role is to control the school , control the absences system , give the documents (points sheets , school certificate …) and set meetings .

**1.3 Functionals requirements and Non Functionals requirements**

| Functionals requirements | Non Functionals requirements |
| --- | --- |
| 1-Create account.    2- Giving results.    3- The absence system.    4- Chat system.    5- Schedule.    6- Authentication with email and password  7- System notify the client when collecting the data    8- Email sent to user whenever client registers for the first time    9- The system shutdown in case of cyber attack  10- Payment system | 1- Notification option.    2-Multiple payment choices: PayPal ,visa and baridimob .    3- Bus tracking.    5-Printing the documents.    6-Activities    7-Security: system verification if the user is boot or not    8- Fiability :    9- Maintenance.    10-Passsword get stocked on database in a secured way    11-Emails should be sent with latency of no greater than 12hours from such an activity |

1.4 Actors their and Roles

| Actors | Role |
| --- | --- |
| 1. Teachers | Primary |
| 1. Parents | Primary |
| 1. School | Secondary |
| 1. The Ministry of Education | Secondary |

My children at school

