STUDENTPEDIA - Wikipedia of Students

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Abstract- *So, that they can't look after their children's school meetings and can't communicate with teachers. Using this application Parents can get their Children's daily updates like Homework, Attendance, Timetables, Materials, Results, Activities, Holiday Calendar, etc.*

In this Application, Parents have unique ID and Password for Login in the Application. Parents can view Students' information from Studentpedia portal which will daily update by Teachers, and Admin from Activities. Teachers can add and Update the students' information like student courses, homework, results, time tables and exam schedules as activities. All the activities are as databases in backend. Admin can modify and manage the database of application. Parents can easily view students' activities online from Application provided by teachers.

Keywords- Student Portal, Homework, Communication, Schooling

I. INTRODUCTION

Studentpedia is an Android Application for Parents as well as Students. Parents have unique ID and Password for Login in the Application. Parents can view Students' information from Studentpedia portal which is daily updated by Teachers and Admin from Activities. Teachers can add and Update the students' information like student courses, homework, results, time tables and exam schedules as activities. All the activities are as databases in backend. Admin can modify and manage the database of application. Parents can easily view students' activities online from provided by teachers. Parents can be reliable from parents meetings and personal communications with teachers. Now parents have to just check activities in Studentpedia and gain all information of student.

There is Time-table section which contains schedules of daily classes and exam dates. There is Homework section which displays daily homework given to students from teachers. There is Result section which displays test results of weekly and monthly exams. There is an Attendance section which has students present and absent records of daily. There is an Extra Material section for worksheets, workbooks, practice books for extra works. There is a News section for daily curricular activities done by students in the school. There is a Holiday showing Calendar for Annual Holidays. There is a Gallery portion which includes photos and videos of students' curricular activities. There is a Post Message option for parents to communicate with teachers.

II. LITERATURE REVIEW

The investigation of the idea was taken place and it was known that most of the students of Pre-school and primary schools are careless of informing their parents about the homework, results, exam schedules,ect. Because of that parents are not aware of their children's school work. As they don't know they can't help out with children's study. As research there are so many school websites with information but school management can't digitalize the idea of converting the website in an application for improving the gap between student to parents and parents to teacher. For improvisation of the gap we are going to introduce our new application of StudentPedia to help parents as well as teachers for redesign the whole concept of studying for students.

The idea to this application was inspired by one of the existing application named SchoolTonic which give information to parents as well as Teachers to make account for students regarding information. In that application you can make account as Parents if you want to get information from school and as Teacher for make students' information online.

Thus, inspired by that, we are converting that idea in a way that would be helpful to Parents and Teachers for handle the students' information online. Thus, it makes our idea of the project unique as there is no such existing android application for Students' online information.

Our main motto for making this application is to make a bridge between students to parents as well as parents to teacher and vice versa.

Consistent with principles of the present invention, a method and System for delivering homework management Solutions to a designated market is disclosed. For each user, the disclosed System generates a user-profile that is consistent with, for teenage Student-user's learning disabilities and required learning modifications or accommodations in response

to user information and external regulatory requirements, and for teacher-users with, authorities. The disclosed System may further operate to determine appropriate intervention Strategies and associated resource tools for a user, consistent with regulatory requirements, and process a request for an intervention tool or Strategy from the user. Various interventions and modifications may be obtained and/or utilized through the disclosed System, relative to homework assignments for tests and related output, reading and related output, as well as projects and related output. Resources required for utilizing these various interventions may also be obtained and/or utilized through the disclosed System. The disclosed System also provides training, motivating, compliance and reporting features. By utilizing the disclosed System, the designated market is provided with methods and Systems to help bypass, work around, and/or compensate for Specific learning difficulties.

A method is provided for automatically producing a Schedule of classes for an educational institution having a plurality of teachers, a plurality of Students, and a curriculum. The method preferably includes receiving designations of a plurality of curriculum modules of the curriculum, each curriculum module including educational material, one or more of the curriculum modules being prerequisite modules for one or more Subsequent modules. The method also preferably includes receiving, as an input into a computer System, curriculum information comprising an indication of which of the modules are prerequisite modules for Subsequent modules. An input into the computer System includes Student information comprising, for one or more of the plurality of Students, an indication of his level of competence with respect to the educational material of one or more modules. The computer System preferably produces a Schedule of classes for teaching the educational material of at least Some of the modules responsive to the curriculum information and the Student information. The Students assigned to each of the Scheduled classes have preferably attained at least a predetermined level of competence with respect to the educational material of the respective modules that are prerequisite modules for the module to be taught in the class.

This is a Software system combines and allows communication between a student management system, a learning management system, and various other portals are interconnected and communicate with one another to allow for an completely integrated online educational institution that allows patents, students, and educators to plan and monitor a student's progress.
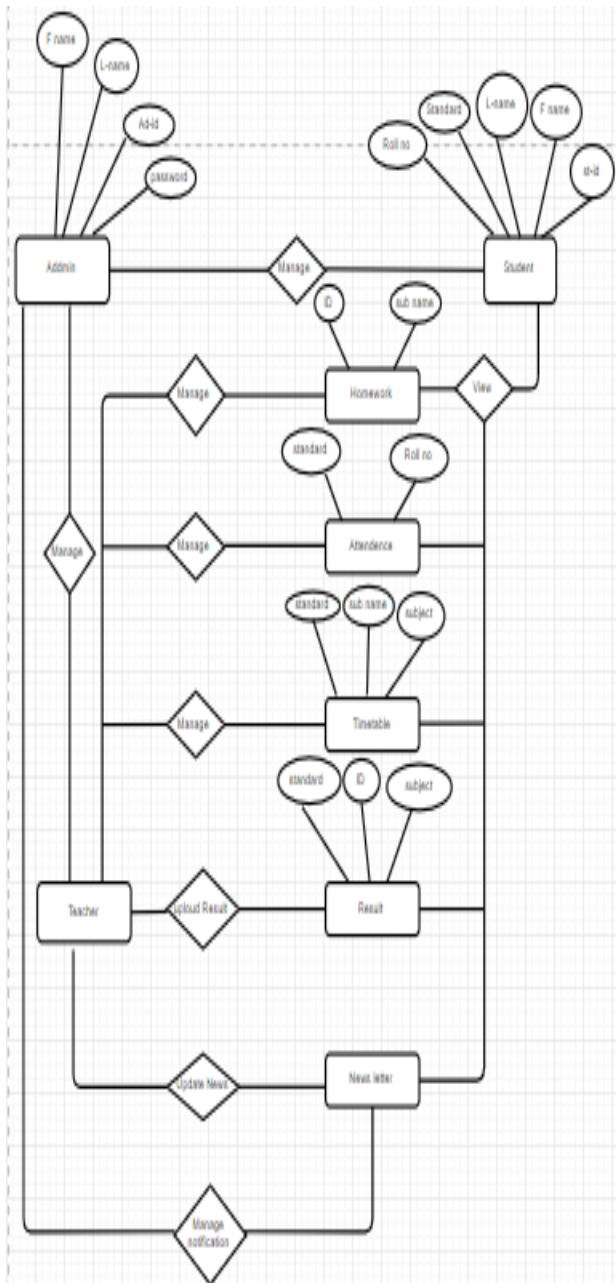
III. METHODOLOGY

Studentpedia is an Android Application for Parents as well as Students. Parents have unique ID and Password for Login in the Application. Parents can view Students' information from Studentpedia portal which is daily updated by Teachers and Admin from Activities. Teachers can add and Update the students' information like student courses, homework, results, time tables and exam schedules as activities. All the activities are as databases in backend. Admin can modify and manage the database of application. Parents can easily view students' activities online from provided by teachers. Parents can be reliable from parents meetings and personal communications with teachers. Now parents have to just check activities in Studentpedia and gain all information of student. This application is to make parents reliable and to time consuming.

The application will work in following way:

I.   Parents have to Login through Username ,enroll no and password in this application.
II.   The Admin will select desired parents from the account list for students' information..
III.   On existing parents account, the parents can view profile.
IV.   Parents have to select one of the options about homework, attendance, timetable, extra materials, result, news, calendar, post message, gallery.
V.   Respective option of each section will display information about the students' details.
VI.   There will be an option of manage account from where admin will Upload photos, and videos to gallery.
VII.   There will be a option of Post Message to send message to teacher for any query ask by parents.
VIII.   Parents can view all the Information by choosing Different options and get their Children's details online.
IX.   The Admin will add and upload Daily activities, schedules, and gallery given by teachers .
X.   Parents only access their own child's details through login in the application.

Flow chart of the Application:

IV. SPECIAL FEATURES

The idea to this application was inspired by one of the existing application named SchoolTonic which give information to parents as well as Teachers to make account for students regarding information. In that application you can make account as Parents if you want to get informations from school and as Teacher for make students' information online.

Thus, inspired by that, we are converting that idea in a way that would be helpful to Parents and Teachers for handle the students' information online. Thus, it makes our idea of the project unique as there is no such existing android application for Students' online information.

Unique Features:

☐   Student Details: This is one of the main of the application for Parents to get Students' information. This will build the communication gap between Parents and students and will help Parents to more efficient. It will include following features.

☐   Attendance: This feature allows the admin to add and update students presents and absents for daily classes. And parents can view the attendance from their accounts.

☐   Activities/News: This feature shows the regular class and school curricular activities of students in different fields. It will post and update regularly by Admin.

☐   Homework: This feature shows the given homework to students from teachers. It allows the admin to add and update students homework from daily classes. And parents can view the Homework from their accounts.

☐   Time-table: This feature shows the regular classes time-tables and Exam time-tables. The admin can add and update students regular schedules. And parents can view the Time-table from their accounts.

☐   Results: This feature shows the Exam results which taken in the regular classes. The admin can add and update students results. And parents can view the results from their accounts.

☐   Extra Materials: This feature shows the materials provide by teachers for extra work like worksheets, workbooks, practice books.

☐   Calendar: This feature shows the dates of annual holidays which will held by school circular.

☐   Gallery: This feature shows the extra curricular activities photos, videos.

☐   Post Message: This feature allows parents to communicate with teachers regarding their students' study.

V. CONCLUSION

StudentPedia is totally oriented towards the idea of getting online information of students by their parents accounts. and regularly updated the parents by their all details on one

platform. As there is no such existing android application till now this will definitely have impact in the digital world for making parents more efficient and with time consuming idea. More research in this field is possible by contacting more schools and proposing this idea to them. If they approve the idea and are ready to share all the confidential details about their users then this may work as a successful live android application for them. If it happens as so it will surely make parents and teachers work reliable.

REFERENCES

[1] www.Kidzee.com

[2]   www.StudentTonic.com

[3] METHOD AND SYSTEM FOR DELIVERING HOMEWORK MANAGEMENT SOLUTIONS TO A DESIGNATED MARKET Published By: Lois R. Scheirer

[4] SYSTEM FOR SCHEDULING CLASSES AND MANAGING EDUCATIONAL RESOURCES Published By: Jonathan Scott Snyder,