**PROJECT REPORT:**

**PROJECT NAME:**

Student Teacher App.

**MAIN PURPOSE:**

File transmission between

student and teacher.

**MODULE USED:**

Python GUI’s (Graphical User

Interface) Method-Tkinter has

been used in this Application.

**INTRODUCTION:**

To use the functionalities of this application both students and teachers have to login first and registered themselves***.*** There are three features available for students and teachers in this app.

* **Send File:**

This feature lets the students to send their files/assignments to their respective teachers. Teachers can also access this feature to update important notes and announcements related to their course.

* **Received File:**

With the help of this option students will be able to access and check received files send to them by their teachers or any other person.

* **Discussion Page:**

This is an additional feature available for the students. Students can access discussion page to get basic descriptions of different topics related to different courses offered on this page.

**REQUIREMENTS:**

**HARDWARE REQUIREMENTS:**

|  |  |  |
| --- | --- | --- |
| **NUMBER** | **DESCRIPTION** | **CATEGORY**  **DESCRIPTION** |
| **1.** | **Computer system** |  |
| **2.** | **1GBRAM** |  |

**SOFTWARE REQUIREMENTS:**

|  |  |  |
| --- | --- | --- |
| **NUMBER** | **DESCRIPTION** | **CATEGORY**  **DESCRIPTION** |
| **1.** | **WINDOW-XP** | **10** |
| **2.** | **Python GUI**  **Programming**  **(Tkinter)** | **3.7.3** |

**BENEFICIARIES:**

* **Accessibility:**

This application can be accessed by any student and teacher from any computer after login it. All files uploaded by teachers and students are stored in a folder of this application. Users can access this anytime, anywhere. Students no longer have to

worry about submitting hard copy of their assignments.

* **Paperless:**

Teachers and students won’t have excessive amounts of paper to shuffle since Classroom is completely paperless. When teachers upload assignments and assessments to Classroom, they are simultaneously saved to Drive. Students can complete assignments and assessments and submit them by using this app, and their work is also saved to Drive. Students can access missed topics due to absences and locate other resources they may need.

* **Time Saver:**

This application is a huge time saver. With all resources saved in one place and the ability to access this anywhere, teachers will have more free time to complete other tasks. Since it can

be accessed from a mobile device, teachers and students can participate through their phones or tablets.

* **Work is never lost:**

Student’s assignments are automatically save in this

application and is accessible from any device. Students can work seamlessly wherever they are, without worrying about clunky flash drives, emailing files back and forth, or losing progress due to computer malfunction.

* **It’s FREE:**

This application is free of cost for every student and teacher, they will not have to pay a single amount of money for using this. This is the biggest advantage of this app.

**LIMITATIONS**

* **Forums:**

Forums and open discussion features would be a big

improvement.

* **Warning for Submitting incomplete**

**Assignment:**

I wish it would mark an assignment complete when

they submit without them having to go back and hit complete.

* **Edit posted assignments**:

It is hard to make edits to documents once you have posted the assignments. When you create an assignment and you have submitted it then you are not allowed to edit it. That means that they cannot delete any part of the assignment they want, which could cause problems, even if it happens

accidentally.

**SYSTEM FLOW:**

|  |
| --- |
| **MyApplication** |
| **\_\_init\_\_(self, master):**  **instruct (self, root):**  **login (self, root):**  **signin (self, root):**  **check File (self, filename, user , Passw , idNum):**  **delete (self, root):** |

|  |
| --- |
| **StudentOptions** |
| **\_\_init\_\_(self, master, user):**  **send(self, root):**  **recieve(self, root):**  **topics(self, root):**  **sendFile(self, filename, dest):**  **readfile(self, filename):**  **OOP(self, root):**  **Class(self, root):**  **delete(self, root):** |

|  |
| --- |
| **TeacherOptions** |
| **\_\_init\_\_(self, master, user):**  **send(self, root):**  **recieve(self, root):**  **topics(self, root):**  **sendFile(self, filename, dest):**  **readfile(self, filename):**  **delete(self, root):** |

**FLOW CHART:**

**main.configure(bg = "black")**

**START**

**\_\_name\_\_==’\_\_main\_\_’**

**main.wm\_state("zoomed")**

**main()**

**run = myApplication(main)**

**main=tk.Tk()**

**main.**

**mainloop()**

**main.title("MyApplication")**

**STOP**

**CHALLENGES:**

* **PLATFORM:**

Basically the main challenges of our app is that we should make easy for the students and teachers to have a platform where they can be aware of each other doings.

* **RECEIVING FILES:**

Teachers giving an assignment can be received by the students and can be submitted by using our app in due date.

* **QUERIES:**

Our APP also have a special option to view the questions regarding different subjects so it will be helpful for the students as they will learn things about their different subjects.

* **LESS TIME:**

Another challenge will be that it will make it easy for the teachers to view all the assignments received from the

students in small time as it will be stored in our APP and they can view it easily.

* **STUDENTS PARTICAPTING**:

IT will help teachers to focus on the students and will keep eyes on the students participating.

**CONCLUSION:**

* **INTERACTION**:

We can conclude from this report that our APP will be useful for student and teacher in some way and it will make easy for them to interact and focus can be

kept on all the students.

* **GUI INTERFACE:**

We have tried our best to create a GUI interface so that it is easy to use and understand.

* **STUDENT PORTAL:**

Students will be having their own portals so they can easily login and logout.

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