Military Institute of Science & Technology

Department of CSE

Course Code	CSE-360	
Course Name	IDP-I (Fall 2020)	
Group No	Charlie A	
Group Members	Name	Student ID
	Lt Yamin	201614126
	Lt Isfar	201714120
	Lt Usabbir	201714108
	Lt Naim	201714118

MILITARY INSTITUTE OF SCIENCE AND TECHNOLOGY

Department of Computer Science and Engineering

Project Proposal of IDP

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This is an application form for the approval of Idea proposal of IDP by the Course Teachers. All the criteria which are applicable from the following list must be mentioned and filled in properly.

Date: 27 Aug, 2020

1. **Group No:**   3(CHARLIE)

2. **Section:**   A   **Session**: 2016-17

3. **Program: CSE-18(A)**

4. **Tentative Title**: (Block Letters)

OFFICERS SMART NOTECASE

5. **Background and Present State of the Problem**:

Military officers remain busy throughout the day. They don't get time to preserve their personal documents .Which is why they cannot access those documents at the time of needs. Our project will be to act as a smart notecase which will give access to all the required documents whenever he asks for it.

6. **Objectives with Specific Aims and Possible Outcome**:

a. Provide the easiest access to all the essential and most important personal documents of a military officer.

b. Ensure the security of personal information and reduce the hassle.

c. Maintain and update the documents to give up-to-date service.

d. Simple and easily usable platform for our military officers.

7. **Outline of Methodology/Experimental Design**:

We will design the project according to the following steps:
a. User login using the BA number
b. Upload the CORO soft copy to the server and search the individual BA number throughout the file and preserve the file to user account if the BA number matches .Same for IPFT and Central move Order.
c. Pay slip automation using scraping with Python.
d. Upload Personal documents using online scanner.

8. **Please select the covered domain of your project (At least 04 or you can add any other domain(s) that is not included in the following list)**

☑ Theoretical CS and Algorithms	☑ Information Security
☐ Networking Database and Data Mining	☐ Computer Vision
☑ Cloud Computing and Big Data	☐ Pattern Recognition
☐ AI and Robotics	☐ Internet of Things (IoT)
☑ Android Development	☐ Human Computer Interactions (HCI)

9. **References**:

1. https://ibas.finance.gov.bd/
2. https://www.paychex.com/
3. https://www.paycomonline.net/

10. **Cost Estimate**: (Breakdown can be provided in separate sheet if necessary)

Ser No	Items	Cost (Taka)
1	Cost of Equipment (breakdown needed)	
1.	Security Management	3000/=
2.	Maintenance	2000/=
3.	Field works	1000/=
4.	Data Collection (with breakdown)	1000/=
5.	Cloud Storage	5000/=
Total Amount		12,000/=

11. **Market Analysis**: (Following is the mapping for market analysis between proposed project and other existing projects. X and √ are plotted here randomly. Do this correctly as per your project.)

Project Name	Features						
	Cloud storage	Theoretical CS & Algorithm	Information security	Auto prompt Notification	Anti-theft/fraudulent alert	Mobile App Platform m	Data extraction & filtering
Paychex flex	✔	✖	✔	✖	✔	✔	✖
Paycom	✔	✖	✔	✖	✔	✔	✖
Ibas++	✔	✔	✔	✖	✔	✖	✖
Smart Notecase	✔	✔	✔	✔	✔	✔	✔

Note: Students can add any external criteria if they want to.

Signature of the group members:

Serial No	Student ID	Name	Email	Signature
1.	201614126	Lt Yamin	enanyamin@gmail.com	
2.	201714108	Lt Usubbir	usubbir@gmail.com	
3.	201714118	Lt Naim	naimjnnt@gmail.com	
4.	201714120	Lt Isfar	isfarsayeed@gmail.com	

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Signature of the Course Teachers