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| **SMESTER** | | | **FALL** | **BSCS-2B** | | **2020** |
| **TITLE OF PROJECT** | | | | | | |
| **Bank Account Management System** | | | | | | |
| **Group Members** | | | | | | |
| **S#** | **Student(s) Name** | | | | **Registration Number** | |
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| **EXECUTIVE SUMMARY OF PROJECT PROPOSAL (MAXIMUM 300 WORDS)** | | | | | | |
| The objective of this program is to create a database program to hold user’s information about their bank account by organizing them in different classes. The program is made to avoid daily life confusion in management. When using the software, the user will be prompted to login/register which is made by a file sorting algorithm and database management system after which he/she will be given a choice to select type of bank account sorted in classes. The user will then be prompted to enter their credentials. The administrators of the system have the ability to check the whole database of bank enables them to delete someone’s record or ID. In the end, the user will be logged out and taken back to the login page. Furthermore, the program enables saving of trees as everything in this program is basically formatted as one enters their information on a page. | | | | | | |
| **PROJECT PURPOSE, SCOPE AND OBJECTIVES (MAXIMUM 1000 WORDS)** | | | | | | |
| **Project Purpose:**  The “Bank Account Management System” project is a model Internet Banking Site. This site enables the customers to perform the basic banking transactions by sitting at their office or at homes through PC or laptop. The system provides the access to the customer to create an account, deposit/withdraw the cash from his account, also to view reports of all accounts present. The customers can access the banks website for viewing their Account details and perform the transactions on account as per their requirements. With Internet Banking, the brick and mortar structure of the traditional banking gets converted into a click and portal model, thereby giving a concept of virtual banking a real shape. Thus, today's banking is no longer confined to branches. E-banking facilitates banking transactions by customers round the clock globally. The primary aim of this is to provide an improved design methodology, which envisages the future expansion, and modification, which is necessary for a core sector like banking. This necessitates the design to be expandable and modifiable and so a modular approach is used in developing the application software. Anybody who is an Account holder in this bank can become a member of Bank Account Management System. He has to fill a form with his personal details and Account Number. Bank is the place where customers feel the sense of safety for their property. In the bank, customers deposit and withdraw their money. Transaction of money also is a part where customer takes shelter of the bank. Now to keep the belief and trust of customers, there is the positive need for management of the bank, which can handle all this with comfort and ease. Smooth and efficient management affects the satisfaction of the customers and staff members, indirectly. And of course, it encourages management committee in taking some needed decision for future enhancement of the bank.   Now a day’s, managing a bank is tedious job up to certain limit. So, software that reduces the work is essential. Also, today’s world is a genuine computer world and is getting faster and faster day-by-day. Thus, considering above necessities, the software for bank management has become necessary which would be useful in managing the bank more efficiently. All transactions are carried out online by transferring from accounts in the same Bank or international bank. The software is meant to overcome the drawbacks of the manual system**.**  The main aim of designing and developing this Internet banking System JAVA primarily based Engineering project is to provide secure and efficient net banking facilities to the banking customers over the internet. A bank application where all banking customers can login through the secured web page by their account login id and password. Users will have all options and features in that application like get money from western union, money transfer to others, and send cash or money to inter banking as well as other banking customers by simply adding them as payees**.**  **Scope:**  Bank Account Management System keeps the day by day tally record as a complete banking system. It can keep the information of Account type, account opening form, Deposit fund, Withdrawal, and Searching the transaction, Transaction reports, Individual account opening form, Group Account. The existing part of this project is; it displays Transaction reports, Statistical Summary of Account type and Interest Information.  **Objective:**  The Traditional way of maintaining details of a user in a bank was to enter the details and record them. Every time the user needs to perform some transactions, he has to go to bank and perform the necessary actions, which may not be so feasible all the time. It may be a hard-hitting task for the users and the bankers too. The project gives real life understanding of Online Banking System and activities performed by various roles in the supply chain. Here, we provide automation for banking system through Internet. Online Banking System project captures activities performed by different roles in real life banking which provides enhanced techniques for maintaining the required information up-to-date, which results in efficiency. The project gives real life understanding of Online Banking System and activities performed by various roles in the supply chain | | | | | | |
| **PROJECT DESCRIPTION (most important part)** | | | | | | |
| **Goals and Objectives**    **Main Goals:**    Our motto is to develop a software program for managing the entire bank process related to Administration accounts customer accounts and to keep each and every track about their property and their various transaction processes efficiently.    Hereby, our main objective is the customer’s satisfaction considering today’s  faster in the world    **Customer Satisfaction:**    Client can do his operations comfortably without any risk or losing of his/her privacy.  Our software will perform and fulfill all the tasks that any customer would desire.    **Saving Customer Time:**    Client doesn't need to go to the bank to do small operation.    **Protecting the Customer:**    It helps the customer to be satisfied and comfortable in his choices, this protection contains customer’s account, money and his privacy.    **Transferring Money:**    Help client transferring money to/or another bank or country | | | | | | |
| **TEAM PROFILE** | | | | | | |
| 1. **Muhammad Nawfal Burhan** 2. **STRENGTH**   programing, presentation, decision making, solving complex problems, creative thinking, time management, documentation, file handling.   1. **QUALIFICATIONS** 2. **Matriculation:** Bai Virbaiji Soparivala Parsi High School with major of science general 3. **Intermediate:** Aga Khan Higher Secondary School, Karachi with major in Pre-Engineering 4. **Fatima Butt** 5. **STRENGTH**   programing, solving complex problems, decision making, debugging skills, flow chart, file handling.   1. **QUALIFICATIONS** 2. **Matriculation:** AES School for Girls with major of science general 3. **Intermediate:** Aga Khan Higher Secondary School, Karachi with major of computer science 4. **Shepher Abraham** 5. **STRENGTH**   time management, programming, documentation, file handling, decision making, solving complex problems, creative thinking   1. **QUALIFICATIONS** 2. **Matriculation:** Bai Virbaiji Soparivala Parsi High School with major of science general 3. **Intermediate:** Aga Khan Higher Secondary School, Karachi with major in Pre-Engineering | | | | | | |
| **ASSUMPTIONS AND CONSTRAINTS** | | | | | | |
| **Assumptions**   * The project will be designed as efficiently as possible with the time complexity of the program to be kept at its prime. * The program will be designed to keep the user interface as user friendly as possible with simple steps. * The confidential information will be kept as private as possible with low chances of any sort of hacking, meddling with the data. * The program will be designed to provide online features which will not allow users to login to their accounts at their homes with a secure user interface.   **Constraints**   * Any sort of loss/leaking of an individual’s information can lead to shutting down the account of the user until the individual’s confirmation | | | | | | |
| **PROJECT DELIVERABLES NOT CHANGEABLE** | | | | | | |
| **Deliverables include**   * Software Project Proposal. * Project progress * Project report (template will be uploaded) * Team member’s work, as per their contribution, you should have to be honest with your future. | | | | | | |
| **Time Line** | | | | | | |
| |  |  |  | | --- | --- | --- | | **ITEM** | **DATE** | **SIGNATURE** | | Group Member Names | 3 Nov 2020 |  | | Project title | 3 Nov 2020 |  | | Project Proposal + classes name |  |  | | Project Structure Diagram + Data Sample |  |  | | Classes UML diagram and apply OOP Concepts |  |  | | Project Prototype |  |  | | Project Review 1 |  |  | | Project Review 2 |  |  | | Project Submission |  |  | | | | | | | |

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| **For Teacher Use Only** |

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| **REMARKS** |
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| **Course Teacher** | **M. Shahid Khan** | **Signature** |  | **Date** |  |
| **Name** | **Ms. Salas Akbar** | **Signature** |  | **Date** |  |