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| **Title** | ***Banking Management System*** |
| **Description** | -A System for managing deposit, withdraw operations, loans and their instalments, bank clients’ data…….. and all other functions supported in bank system  A user can register on the system as a new client; each client has :-   * name * account number (must be unique) * username * password * telephone number * address * balance * State of the account (Active/Closed)   A user can login to the system using his username and password; after logging in you must display to him his balance.  A user can perform any of the following operations “deposit, withdraw, display details of his account, or update in his personal data only.” If his account active.  In your system you have employees and each employee has :-   * Name * Address * His position * The college from which he graduated * The year of graduation * The total grade (Excellent, V.Good, Good, … etc.)   An Employee can perform following actions ( Add another employee, delete employee or close an account).  In this project, you have to think of the design and implement the OOP concepts that you studied. |
| **Group size** | 3-4 members |
| **Duration** | 3 weeks |
| **Deliverables** | * C++ Windows form application performs the required system (Data is stored in DB or file) * Well-designed project (i.e. classes, relations) * Project’s documentation: * The project name. * The team members; names and sections’ numbers. * Description of the project and what you have done. * Snap shots of the project and how it works. * Please, add some code snippets from your project. |
| **Bonus extensions** |  |
| **Mentor** | T.A, Marwa Raafat |
| **Notes** |  |