



- INTRODUCTION
- ÉNONCÉ
- CONCEPTION
- CODE SOURCE
- TEST ET EXÉCUTION

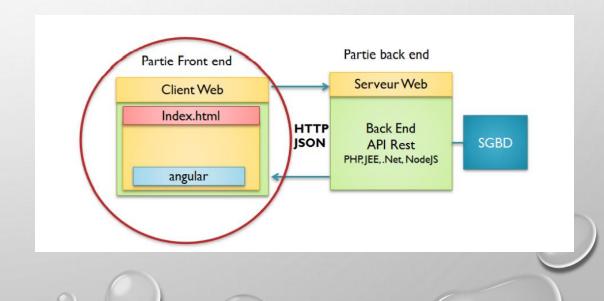


DÉVELOPPEMENT WEB FRONTEND

FRAMEWORK ANGULAR

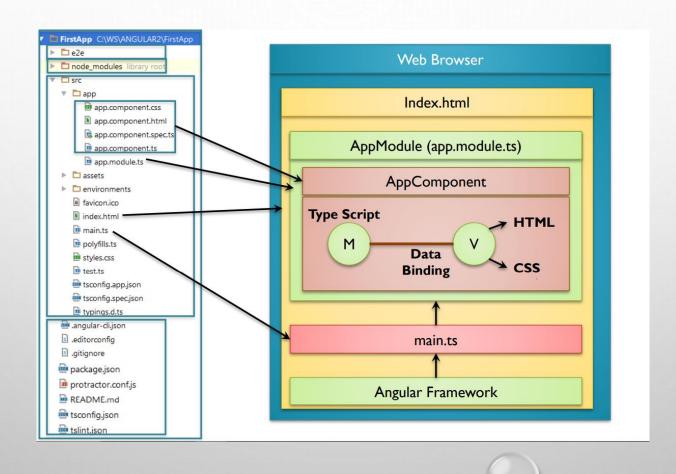
- ANGULAR PERMET DE CRÉER LA PARTIE FRONT END DES APPLICATIONS WEB DE TYPE SPA (SINGLE PAGE APPLICATION RÉACTIVE).
- UNE SPA EST UNE APPLICATION QUI CONTIENT UNE SEULE PAGE HTML (INDEX.HTML) RÉCUPÉRÉE DU SERVEUR.
- ANGULAR PERMET DE CRÉER LA PARTIE FRONT END DES APPLICATIONS WEB DE TYPE SPA (SINGLE PAGE APPLICATION).



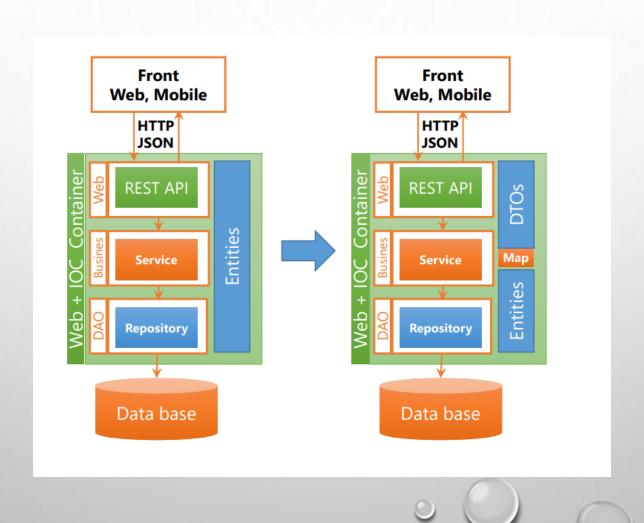




STRUCTURE DU PROJET ANGULAR:



DÉVELOPPEMENT BACKEND :



ENONCÉ ET CONCEPTION :

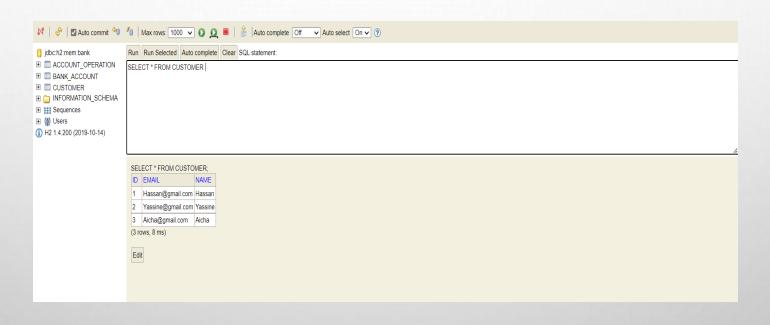
Use Case: Digital Banking Eustomer BanKACCOUNT Operation Id: Long - Id : String - GreatedAt : Ilate - 1d = String - date: flate - amount: double - type: Ортуре - name: String - email: String - balance : double - status : Acc5 laus Front Web, Mobile - CUTTEDCY: String «Enum>> OperationType SavingAccount CurrentAccount CREDIT, DEBIT - InterestRate: double - overDraft: double «enum» Accountstatus Creer une Application Web Rendu HTML coté clien qui pennet: CREATED, ACTIVATED - Giérer Les Clients de La Hanque SUSPENDED - Gierer Les Comptes Hancaires appartenant à des clients - Gièrer Les Opérations sur Les Comptes : Versement, Retraits, Virements



- LIEN GITHUB: LIEN 1 (BACKEND)
- => PROJECTS JEE/EBANCKING-BACKEND AT MAIN · BENNABBOUWIAM/PROJECTS JEE (GITHUB.COM)
- LIEN GITHUB: LIEN 2 (FRONTEND)
- => BENNABBOUWIAM/PROJECTS JEE AT MASTER (GITHUB.COM)

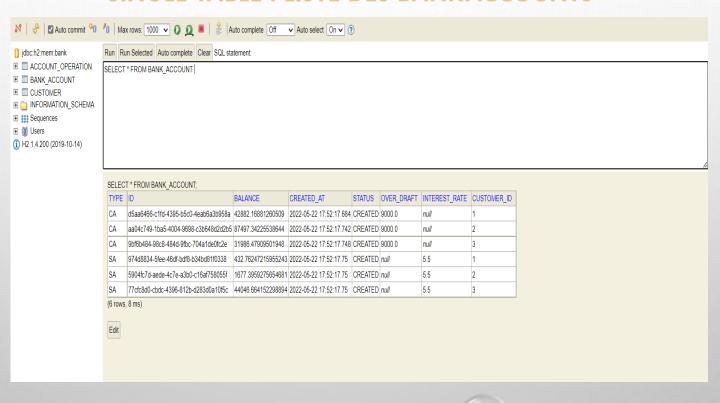


SINGLE TABLE : LISTE DES CUSTOMERS



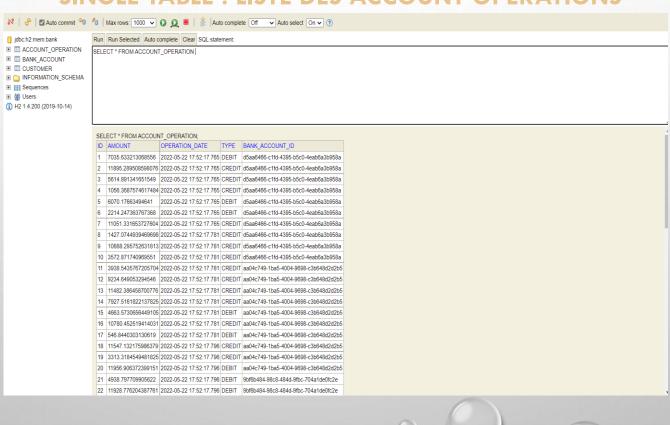


SINGLE TABLE: LISTE DES BANKACCOUNTS



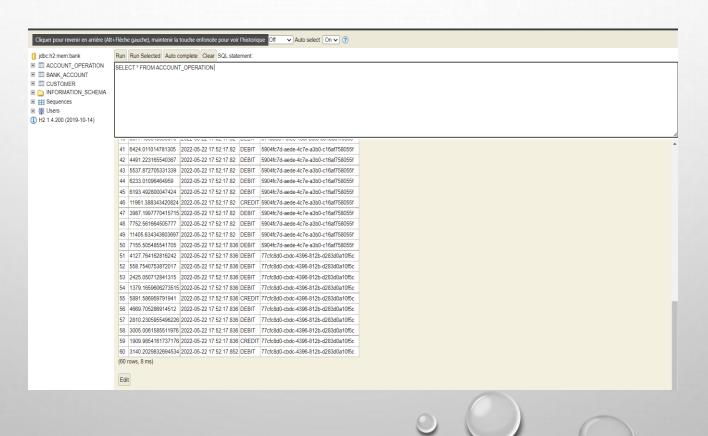


SINGLE TABLE: LISTE DES ACCOUNT OPERATIONS



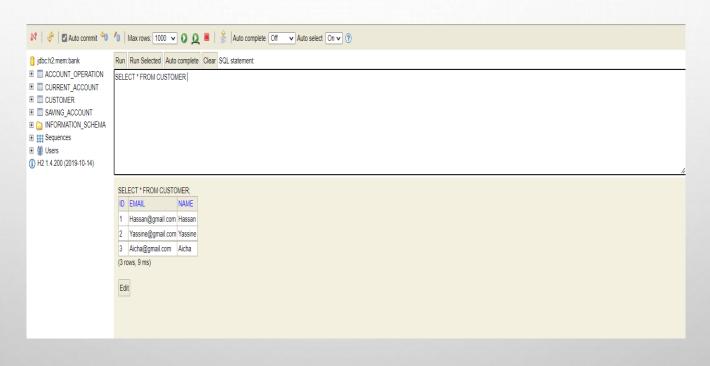


SINGLE TABLE: LISTE DES ACCOUNT OPERATIONS



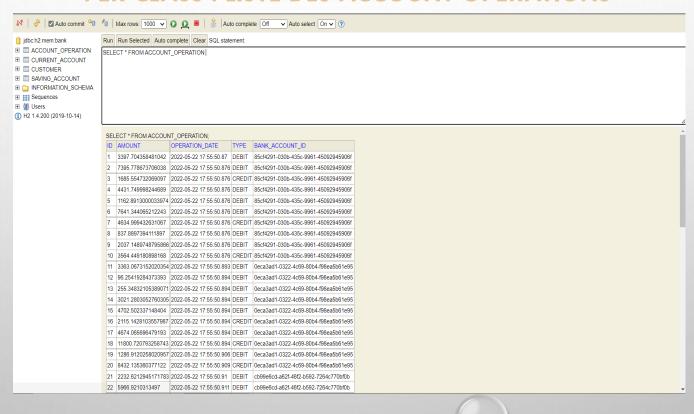


PER CLASS: LISTE DES CUSTOMERS



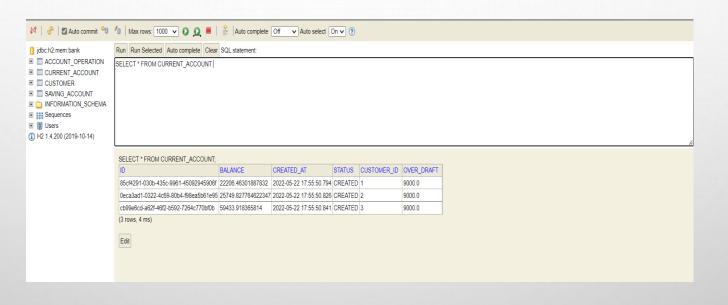


PER CLASS: LISTE DES ACCOUNT OPERATIONS



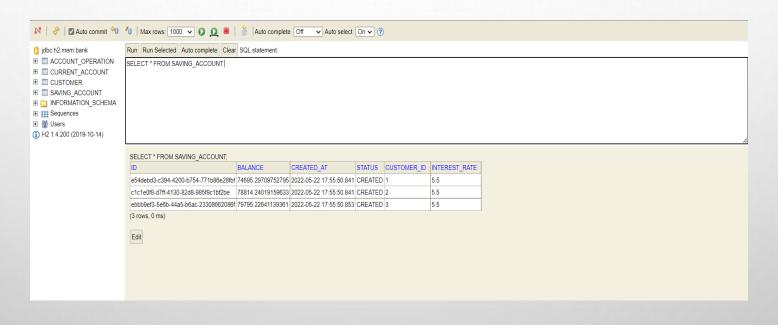


PER CLASS: LISTE DES CURRENT ACCOUNTS



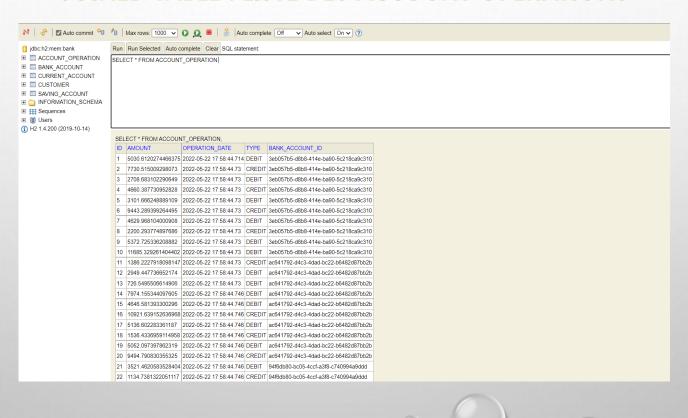


PER CLASS: LISTE DES SAVING ACCOUNTS



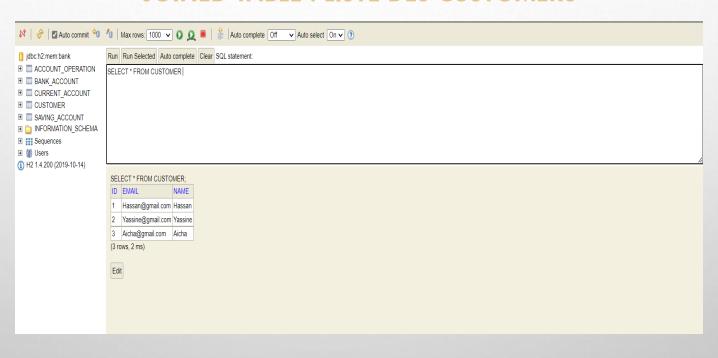


JOINED TABLE: LISTE DES ACCOUNT OPERATIONS



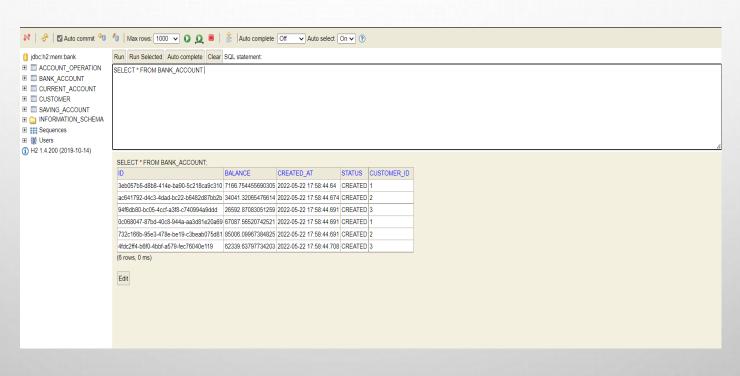


JOINED TABLE: LISTE DES CUSTOMERS



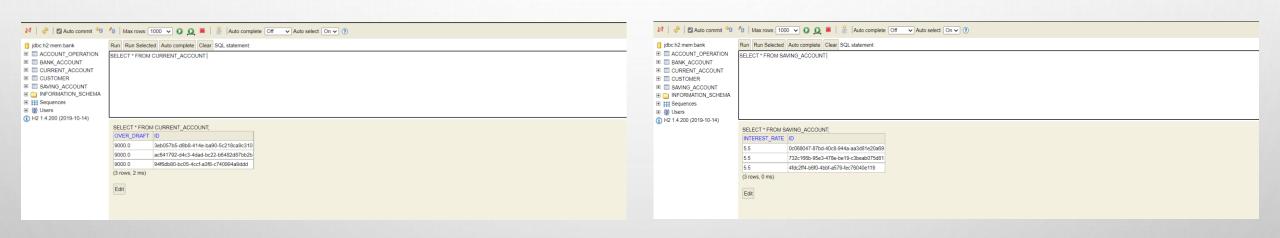


JOINED TABLE: LISTE DES BANK ACCOUNTS



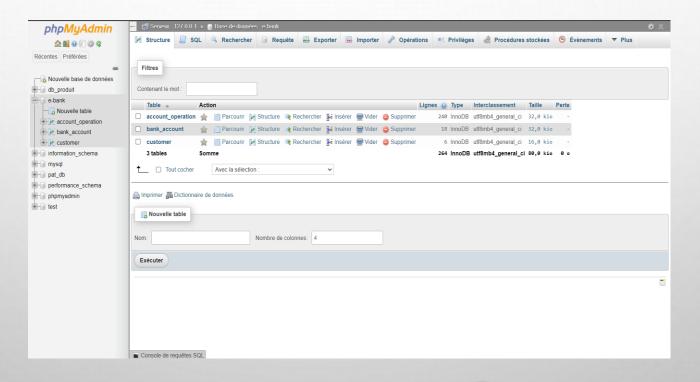


JOINED TABLE: LISTE DES CURRENT & SAVING ACCOUNTS



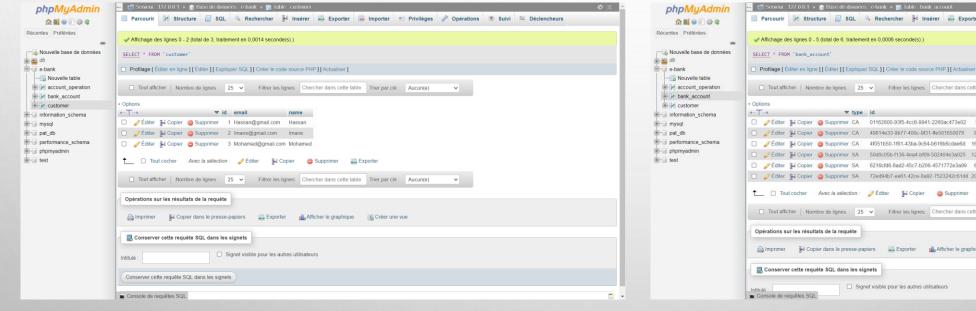


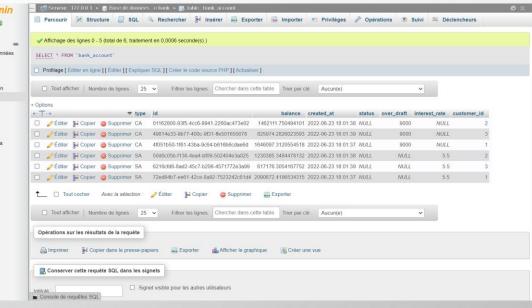
MYSQL





MYSQL: CUSTOMER & BANK ACCOUNT













COUCHE WEB CONTROLLER: LIST CUSTOMER

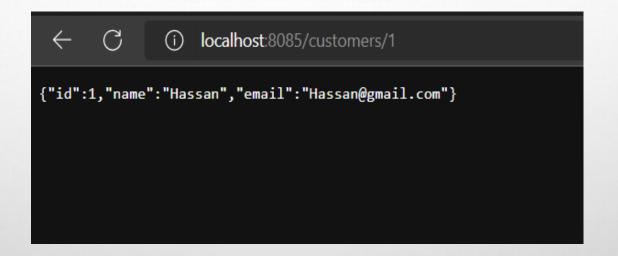
[{"id":1, "name":"Hassan", "email":"Hassan@gmail.com"},{"id":2, "name":"Imane", "email":"Imane@gmail.com"},{"id":3, "name":"Mohamed", "email":"Mohamed@gmail.com"}]

LES DTOS

[{"id":1,"name":"Hassan","email":"Hassan@gmail.com"},{"id":2,"name":"Imane","email":"Imane@gmail.com"},{"id":3,"name":"Mohamed","email":"Mohamed@gmail.com"}]

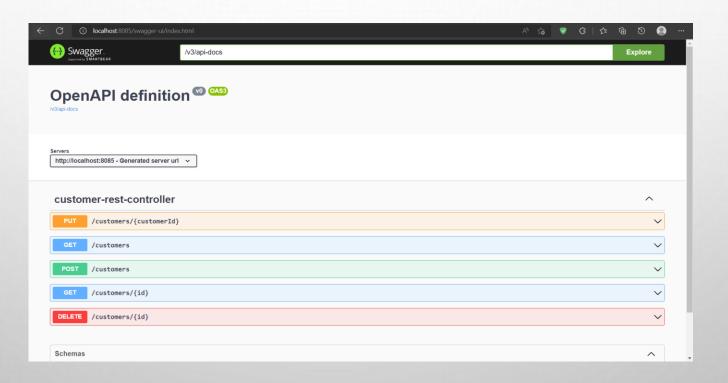


LES DTOS: GET CUSTOMER ID





TESTER LES MÉTHODES





TESTER LES MÉTHODES



JSON: LISTE DES ACCOUNTS

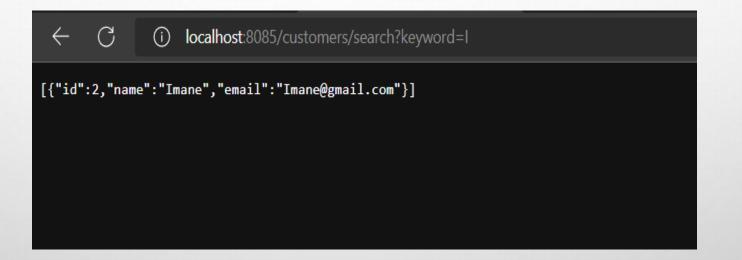


JSON: LISTE DES ACCOUNTS OPERATIONS

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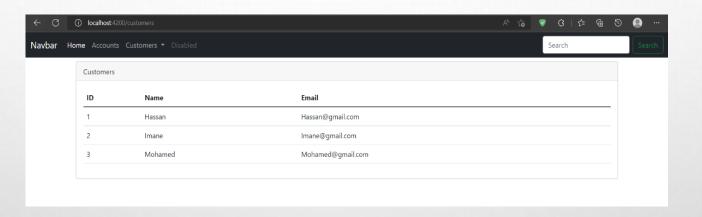


JSON: RECHERCHER CUSTOMER



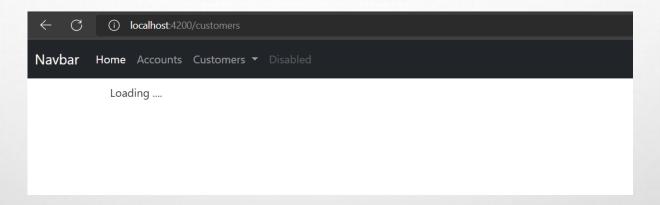


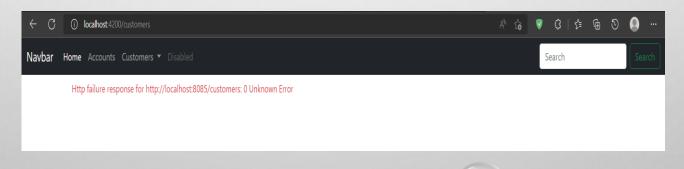
LISTE DES CUSTOMERS





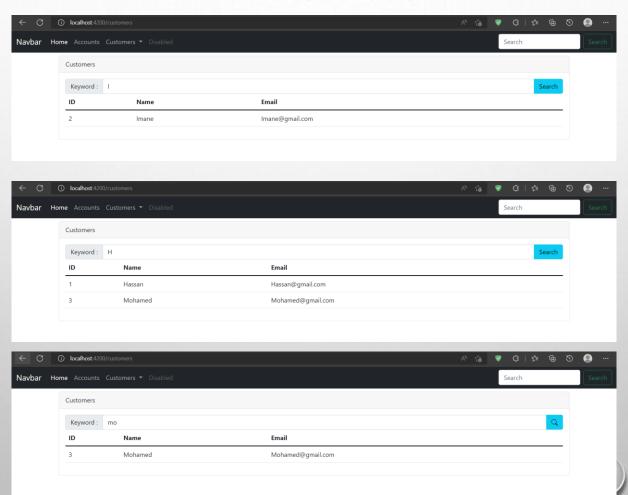
GESTION DES ERREURS





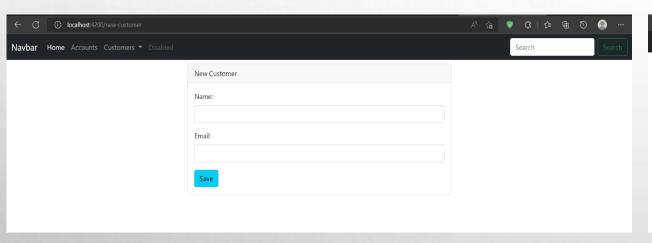


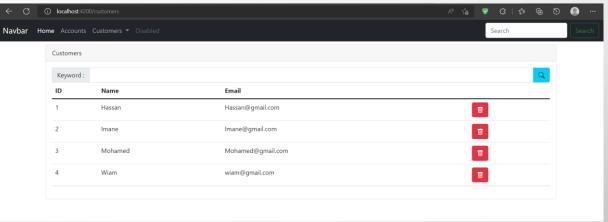
RECHERCHE CUSTOMER





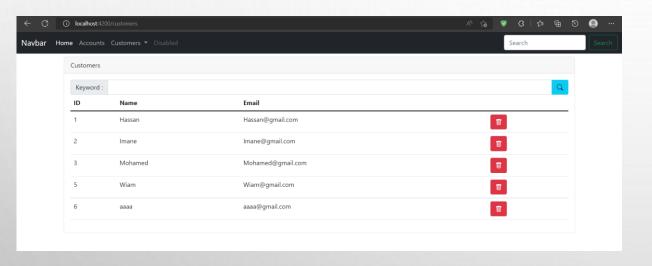
CRÉER CUSTOMER

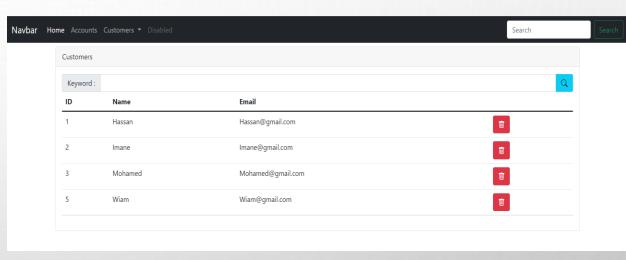






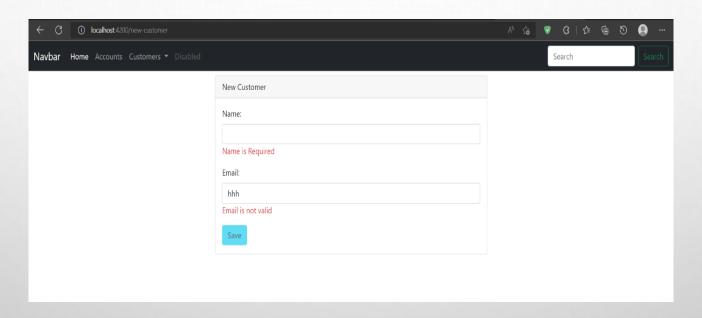
DELETE CUSTOMER





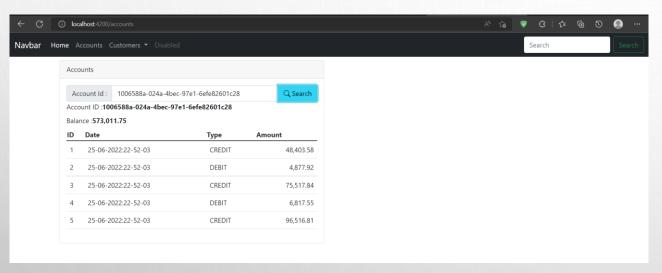


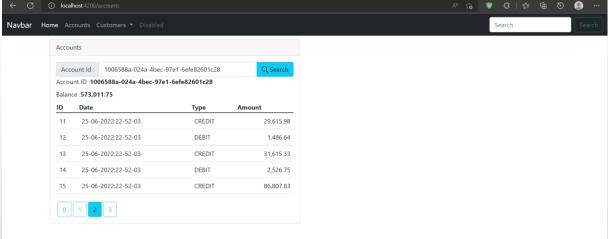
VALIDER LES INFORMATIONS SAISIES





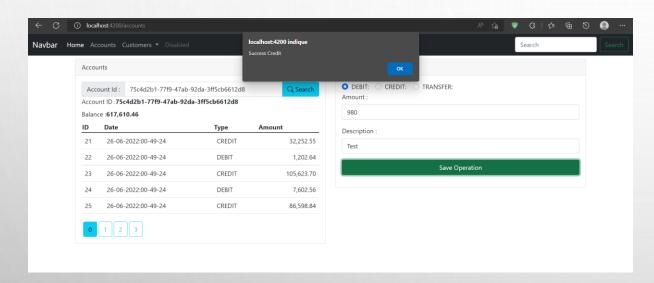
RECHERCHER UN COMPTE / PAGINATION

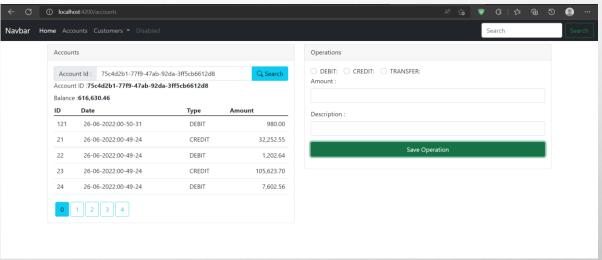






ACCOUNT OPERATION







ACCOUNT CUSTOMER

