Cash Manager

Docker

As you can see, the docker-compose.yml is compose into 3 dockers :

- frontend

- backend

- mysqldb

```yaml
version: '3'

services:

# front
  frontend:
    container_name: docker_apk
    build: ./frontend
    restart: always
    ports:
      - '8081:80'
    volumes:
      - apkFolder:/home/frontend/app/build/outputs/apk/debug/

# server
  backend:
    container_name: docker_java_spring_boot
    build: ./backend/manager
    restart: always
    ports:
      - '8080:8080'
    depends_on:
      - mysqldb
    volumes:
      - apkFolder:/usr/app/apk/

# database
  mysqldb:
    container_name: docker_mysql
    image: mysql:8
    environment:
      - MYSQL_ROOT_PASSWORD=root
      - MYSQL_HOST=localhost
      - MYSQL_PORT=3306
      - MYSQL_USER=richard
      - MYSQL_PASSWORD=richard
      - MYSQL_DATABASE=cash_manager
    volumes:
      - "./volumes/mysql:/var/lib/mysql"

volumes:
  apkFolder:
```

FrontEnd :

It will build and make the file available to the server using the shared volumes apkFolder

Backend :

It will retrieve the shared file and download it from the following address: http://localhost:8080/api/download/client.apk

Mysqldb :

This is the database in production

How to launch the dockers ?

Just do the command line : **make prod**