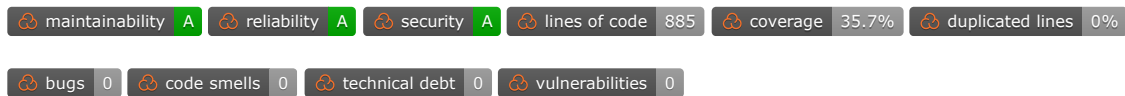


README.md



Address Book

Introduction

This is an Address Book Web Application.

Features:

- Add Contacts
- Edit Contacts
- Delete Contacts
- View All Contacts

Installation Instructions

to clone the repository and install all required modules

```
>> git clone https://github.com/tonyYSaliba/Address-Book.git
>> cd address_book
>> composer install
```

Edit your .env file to configure your database

```
DATABASE_URL="mysql://db_user:db_password@127.0.0.1:3306/address_book_db"
```

to create the database and its tables

```
>> php bin/console doctrine:database:create
>> php bin/console make:migration
>> php bin/console doctrine:migrations:migrate
```

Architecture

The application was developed using the Model-View-Controller (MVC) design pattern.

Tools used:

- Symfony 5
- Doctrine with MySQL
- Twig
- PHP 7
- SonarCloud (for code quality)

- PHPUnit and Xdebug (for unit testing and coverage)
- GIT
- Trello (for task management)

Controller Routes



- **GET** `contact/`
 - Route to view All contacts
- **GET | POST** `contact/new`
 - Route to add a contact
- **GET** `contact/{id}`
 - Route to read a contact
 - `id` is an integer and it is the id of a contact
- **GET | POST** `contact/{id}/edit`
 - Route to edit a contact
- **DELETE** `contact/{id}`
 - Route to delete a contact
 - `id` is an integer and it is the id of a contact

Database

- Table `CONTACT` - contains `id`, `first_name`, `last_name`, `street_address`, `zip_code`, `city`, `phone_number`, `birth_date`, `email_address`, `picture_url`, `country`

PS: for more details please read [DesignDocument.md](#)


Screenshots

Manage Contacts										Add New Contact
Picture	First Name	Last Name	Street Address	Zip Code	City	Phone Number	Birth Date	Email Address	Country	actions
	Tony	Saliba	Kharraz Street	1234 8223	Mrouj	+961 71 075 191	1998-03-12	tony.saliba00@gmail.com	Lebanon	View Edit
	Yara	Saliba	via maria ausilatrice	10152	Torino	+961 789 123	1992-12-22	yara.saliba@gmail.com	Italy	View Edit



Delete

Edit Contact



First Name *

Tony

Last Name

Saliba

Street Address

Kharrat Street

Zip Code

1234 8223

City

Mrouj

Country

Lebanon

Phone Number

+961 71 075 191

Birth Date

03 / 12 / 1998

Email Address

tony.saliba00@gmail.com

Picture (PNG/JPG file)

Browse

Update

Delete

Task Management ~ Kanban board

Address Book | Trello

Boards

Address Book

Sync

Free

Private

TS

Invite

ToDo

View

Model

Controller

0001 - Authentication

Configuration

0009 - setup docker

+ Add another card

BugsFound

+ Add a card

Doing

+ Add a card

DevDone

Configuration

0010 - setUp testing

+ Add another card

Done

0011 - Write documentation

6/7

Configuration

E2E testing

bug

fix 0002 - Fix sonar code smells

bug

fix 0001 - fix sonar bugs

Configuration

0008 - setup sonarCloud

View

Model

0007 - Implement data validation and error messages

View

0006 - Design AddressBook template

Model

0003 - PictureFile main classes

View

0005 - AddressBook main templates

Controller

0004 - AddressBook main controllers

Model

0002 - Address Book Main classes

+ Add another card