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# Membuat Project



# Membuat Project

- <https://start.spring.io/>
- Spring Web MVC
- Spring Data JPA
- MySQL
- Validation
- Lombok

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# Requirement



# Requirement

- Pada kelas ini, kita akan coba membuat RESTful API untuk Contact Management, dimana RESTful API yang akan kita buat memiliki fitur sebagai berikut :
- User Management
- Contact Management
- Address Management

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# User Management Requirement



# User Data

- Username
- Password
- Name



# User API

- Register User
- Login User
- Update User
- Get User
- Logout User

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# Contact Management Requirement





# Contact Data

- First Name
- Last Name
- Email
- Phone



# Contact API

- Create Contact
- Update Contact
- Get Contact
- Search Contact
- Remove Contact

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# Address Management Requirement



# Contact Address Data

- Street
- City
- Province
- Country
- Postal Code



# Address API

- Create Address
- Update Address
- Get Address
- List Address
- Remove Address

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# Setup Project

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# User API Spec

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# Contact API Spec



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# Address API Spec

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# User Entity

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# Contact Entity

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# Address Entity

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# Register User API

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# Login User API

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# Get User API

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# Update User API



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# Logout User API

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# Create Contact API

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# Get Contact API

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# Update Contact API

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# Remove Contact API

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# Search Contact API

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# Create Address API

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# Get Address API



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# Update Address API

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# Remove Address API

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# List Address API

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# Manual Test