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Project Explorer

- Contact_Manager_Sprint2
  - Deployment Descriptor: Contact_Manager_Sprint2
  - JAX-WS Web Services
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      - model
        - Contact.java
      - servlets
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- SpringDependencyInjection
- springhiborm
- SpringJdbcTemplate
- SpringMVCJdbc

ContactDAO.java

```java
1  package dao;
2
3  import model.Contact;
4
8  public class ContactDAO {
9
10     private static final List<Contact> contacts = new CopyOnWriteArrayList<>();
11
12     public List<Contact> getAll() {
13         return contacts;
14     }
15
16     public void add(Contact c) {
17         if (c.getId() == null || c.getId().isEmpty()) {
18             c.setId(UUID.randomUUID().toString());
19         }
20         contacts.add(c);
21     }
22
23     public Contact getById(String id) {
24         return contacts.stream().filter(c -> c.getId().equals(id)).findFirst().orElse(null);
25     }
26
27     public boolean update(Contact updated) {
28         Contact existing = getById(updated.getId());
29         if (existing == null) return false;
30
31         existing.setName(updated.getName());
32         existing.setPhone(updated.getPhone());
33         existing.setEmail(updated.getEmail());
34         existing.setAddress(updated.getAddress());
35
36         return true;
37     }
```

Servers

- Tomcat v9.0 Server at localhost [Started, Restart]
  - Contact_Manager_Sprint2 [Synchronized]

Writable   Smart Insert   1 : 1 : 0

localhost / Contact Manager

Assistant

Contact Manager

Manage your contacts quickly

Add Contact   View Contacts

Sprint-2 • By Sai Jaya Gopal

Add Contact

Name

Sai Jaya Gopal Kumbhagiri

Phone

1478552369

Email

Sai@gmail.com

Address

Great Learning, Wipro

Save Contact   Home

All Contacts

Add New

Name	Phone	Email	Address	Actions
Sai Jaya Gopal Kumbhagiri	1478552369	Sai@gmail.com	Great Learning, Wipro	Edit Delete

Back

localhost / Add Contact

Add Contact

Name

Niti Mam

Phone

369852147

Email

nitimam@gmail.com

Address

North India, Noida

Save Contact   Home

✓ Contact added successfully!

All Contacts

Add New

Name	Phone	Email	Address	Actions
Sai Jaya Gopal Kumbhagiri	1478552369	Sai@gmail.com	Great Learning, Wipro	Edit Delete
Niti Mam	369852147	nitimam@gmail.com	North India, Noida	Edit Delete

Back

Edit Contact

Name

Sai Jaya Gopal Kumbhagiri

Phone

1478552369

Email

Sai@gmail.com

Address

Tirupathi, Andhra Pradesh

Update   Cancel

Contact updated successfully!

All Contacts

Add New

Name	Phone	Email	Address	Actions
Niti Mam	369852147	nitimam@gmail.com	North India, Noida	Edit Delete
Sai Jaya Gopal Kumbhagiri	1478552369	sai@gmail.com	AndhraPradesh	Edit Delete

Back

localhost / All Contacts

localhost:8081 says

Delete this contact permanently?

OK   Cancel

Contact updated successful

All Contacts

Add New

Name	Phone	Email	Address	Actions
Niti Mam	369852147	nitimam@gmail.com	North India, Noida	Edit Delete
Sai Jaya Gopal Kumbhagiri	1478552369	sai@gmail.com	AndhraPradesh	Edit Delete

Back

ENG IN

00:52
26-11-2025

19°C
Mostly clear

✓ Contact deleted successfully.

All Contacts

Add New

Name	Phone	Email	Address	Actions
Sai Jaya Gopal Kumbhagiri	1478552369	sai@gmail.com	AndhraPradesh	Edit Delete

Back