

Classes

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Contact.java (Entity class)

```
int cid (PK variable : auto-generated)
String name
String email
long phno
String activeSw (to make record as active/in-active)
```

ContactRepository.java (I)

```
interface ContactRepository extends JpaRepository {

}
```

ContactService.java (I)

```
String upsert (Contact contact); (polymorphic method)

List<Contact> getAllContacts( );

Contact getContact (int cid);

String deleteContact (int cid);
```

Note: 'upsert' means it is used for inserting and updating
(if record already available then update else insert)

ContactRestController.java

```
@PostMapping("/contact")
ResponseEntity<String> contact (Contact contact);

@GetMapping("/contacts")
ResponseEntity<List<Contact>> getAllContacts( );

@GetMapping("/contact/{cid}")
ResponseEntity<Contact> getContact(@PathVariable int cid);

@DeleteMapping("/contact/{cid}")
ResponseEntity<String> deleteContact(@PathVariable int cid);
```

Note: Every RestController method should be binded to Http Protocol Method

Assignement : How to use H2 Database in Spring Boot
