

## Adding policy with Accounts

Make changes in Service class only

```
@Service
public interface IAccountService {

    public boolean saveAccount(Account account);
    public Account getAccountById(int accountNumber);
    public List<Account> getAllAccounts();
    public boolean deleteAccountById(int accountNumber);
    public boolean checkAccountById(int accountNumber);

    public List<Account> getAccountsByCity(String cityName)throws NoResultException;
    → public boolean addPolicy(int accountNumber,int policyId);
}
```

Now Code in impl class

```
@Service
public class AccountServiceImpl implements IAccountService {

    @Autowired
    IAccountRepository repository;

    @Autowired
    IPolicyRepository policyRepository;

    @Override
    @Transactional
    public boolean addPolicy(int accountNumber,int policyId) {

        Policy p = policyRepository.findById(policyId).get();
        Account account = getAccountById(accountNumber);
        if(account!=null && p!= null)
        {
            List<Policy> policies = account.getPolicies();
            policies.add(p);
            account.setPolicies(policies);
        }

        repository.save(account);

        return true;
    }
}
```

## REST Controller code of AccountREST Controller class

```
@PostMapping("/policy")
public ResponseEntity<Boolean> addPolicy(@RequestParam int policyId ,@RequestParam int id)
{
    boolean a = service.addPolicy(id, policyId);
    return new ResponseEntity<Boolean>(a, HttpStatus.OK);
}
```

// end point would be :- <http://localhost:8091/app/policy?id=1100&policyId=101>

The screenshot displays a REST client interface with the following components:

- Request Bar:** Method: POST, URL: `http://localhost:8091/app/policy?id=1100&policyId=101`, Send button.
- Params Tab:** Query Params table with columns KEY, VALUE, and DESCRIPTION.
- Body Tab:** Shows the response body as `true` in JSON format.
- Test Results Tab:** Displays the executed SQL query: `SELECT * FROM springapp.account_policy_info;`
- Result Grid:** A table showing the query results with columns `policydetails` and `accountdetails`.

KEY	VALUE	DESCRIPTION
<input checked="" type="checkbox"/> id	1100	
<input checked="" type="checkbox"/> policyId	101	
Key	Value	Description

  

policydetails	accountdetails
101	1
101	1
101	2
101	1100
102	1100
1100	1100