Apex Integration Services

Apex Web Services

AccountManager Code:

```
@RestResource(urlMapping='/Accounts/*/contacts')

global with sharing class AccountManager {



    @HttpGet

    global static account getAccount() {


        RestRequest request = RestContext.request;


        String accountId =
request.requestURI.substringBetween('Accounts/','/contacts');

        Account  result = [SELECT Id, Name, (SELECT Id, Name from
contacts) from Account where Id = :accountId ];

        return result;

    }


}
```

AccountManagerTest:

```apex
@Istest
public class AccountManagerTest {
    @IsTest
    static void testGetContactsByAccountId() {
        Id recordId = createTestRecord();
        RestRequest request = new RestRequest();
        request.requestUri
='https://yourInstance.my.salesforce.com/services/apexrest/Accounts/'
            +recordId+'/contacts' ;
        request.httpMethod = 'GET';
        RestContext.request = request;
        Account thisAccount = AccountManager.getAccount();
        System.assert(thisAccount != null);
        System.assertEquals('Test record', thisAccount.Name);
    }
    static Id createTestRecord(){
        Account accountTest =  new Account(
        Name = 'Test record');
        insert accountTest;
```

```
        Contact contactTest = new Contact(
        FirstName='John',
        LastName='Doe',
        AccountId=accountTest.Id);
        insert contactTest;
        return accountTest.Id;
    }
}
```