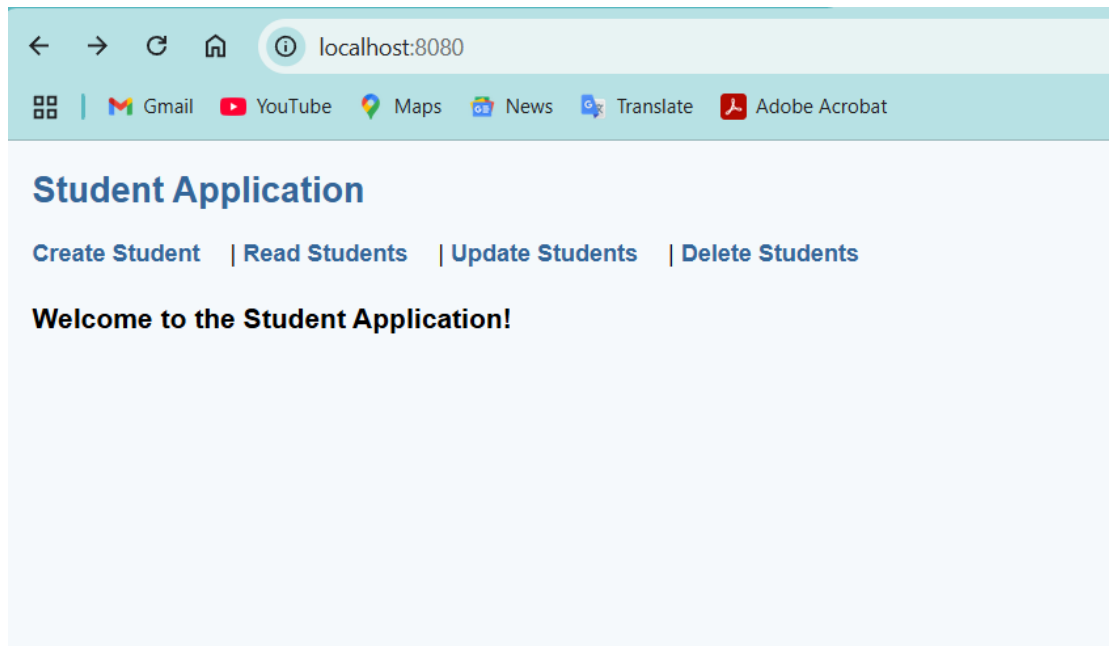
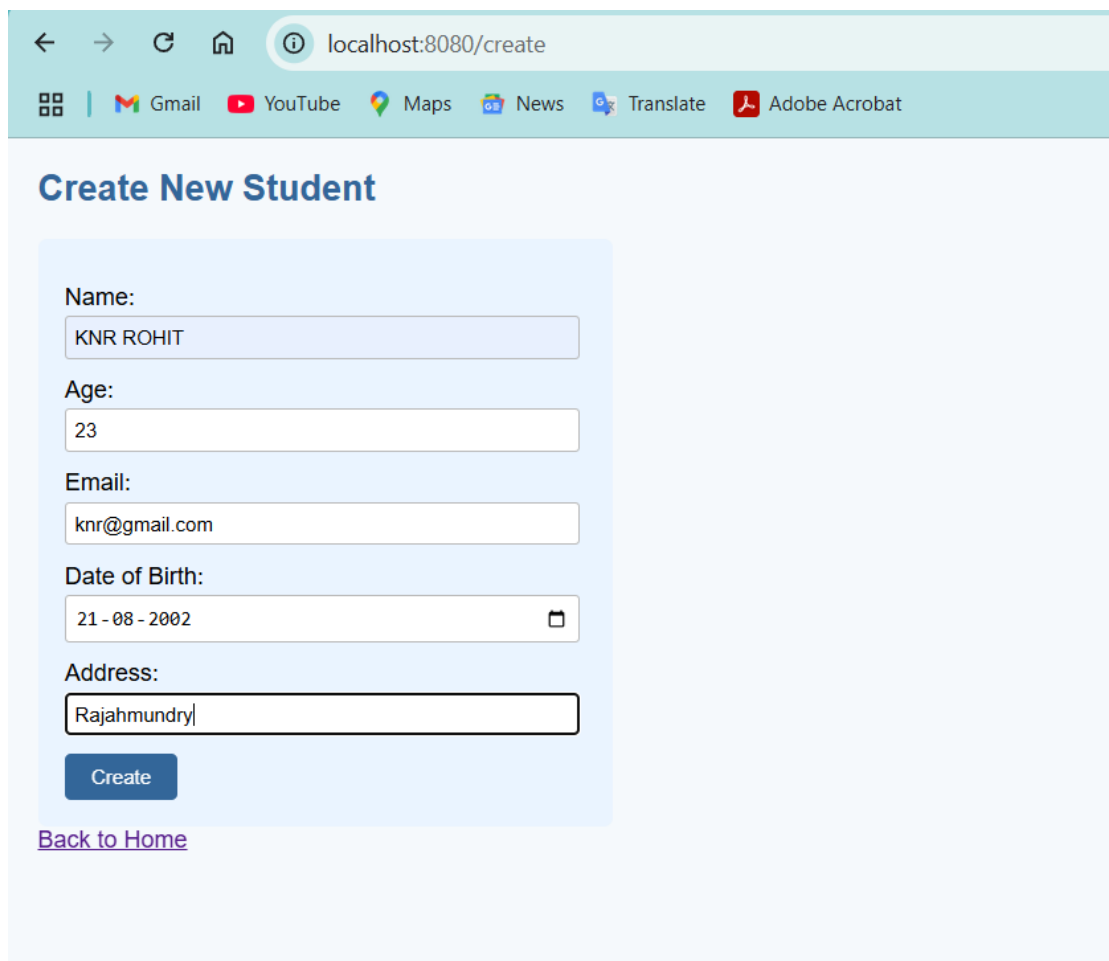


i. Initial student application user interface



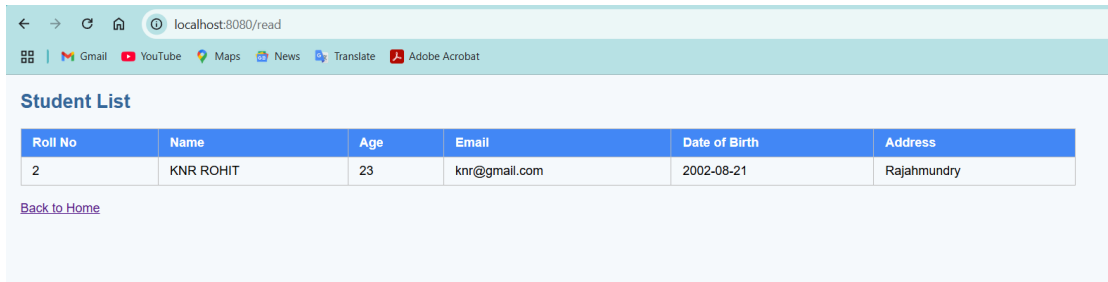
ii. Creating student details



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iii. Read the details of students in database

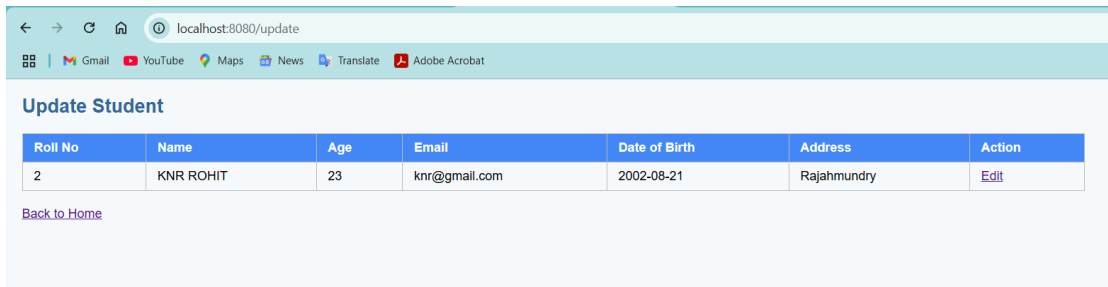


The screenshot shows a web browser window with the address bar displaying 'localhost:8080/read'. The page title is 'Student List'. Below the title is a table with the following data:

| Roll No | Name | Age | Email | Date of Birth | Address |
|---------|-----------|-----|---------------|---------------|-------------|
| 2 | KNR ROHIT | 23 | knr@gmail.com | 2002-08-21 | Rajahmundry |

Below the table, there is a link labeled 'Back to Home'.

iv. By clicking Edit , we can modify details

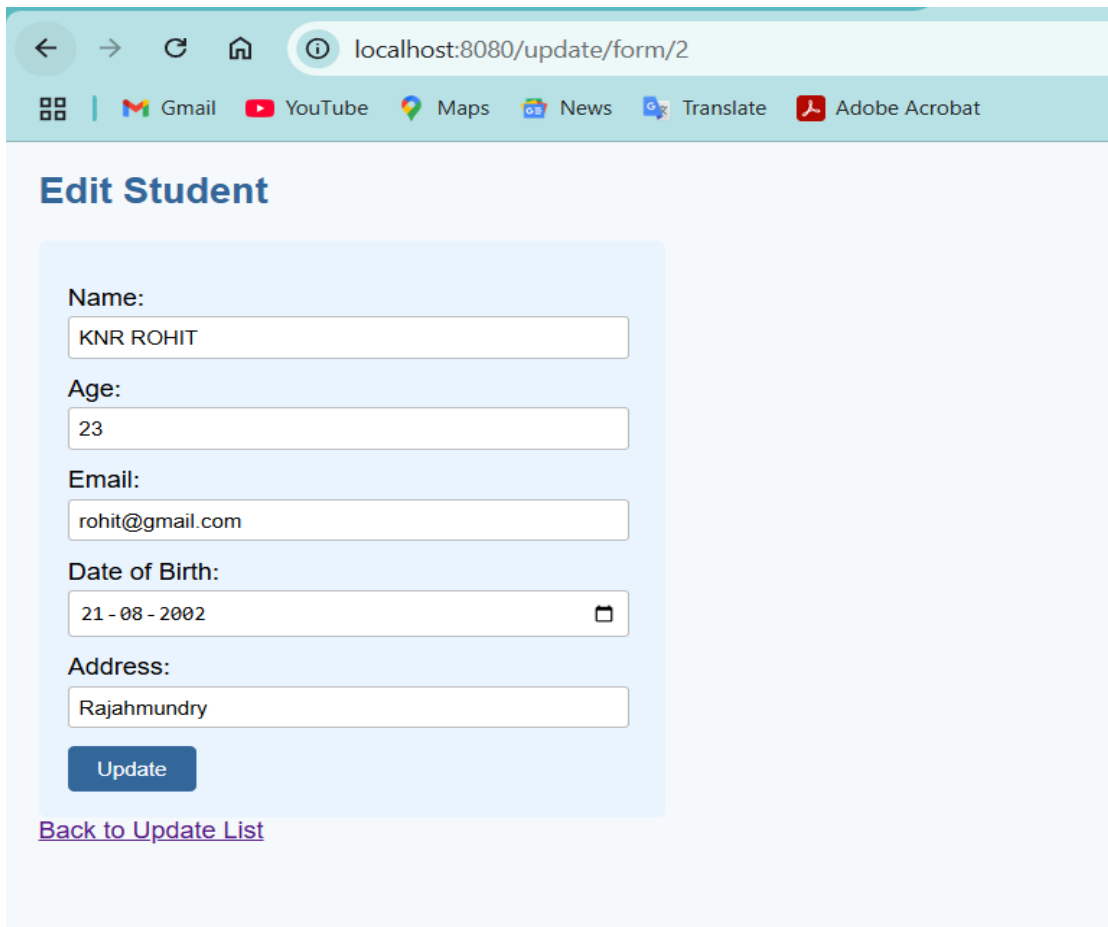


The screenshot shows a web browser window with the address bar displaying 'localhost:8080/update'. The page title is 'Update Student'. Below the title is a table with the following data:

| Roll No | Name | Age | Email | Date of Birth | Address | Action |
|---------|-----------|-----|---------------|---------------|-------------|----------------------|
| 2 | KNR ROHIT | 23 | knr@gmail.com | 2002-08-21 | Rajahmundry | Edit |

Below the table, there is a link labeled 'Back to Home'.

v. Updating student Email from knr@gmail.com to rohit@gmail.com



The screenshot shows a web browser window with the address bar displaying 'localhost:8080/update/form/2'. The page title is 'Edit Student'. Below the title is a form with the following fields:

- Name:
- Age:
- Email:
- Date of Birth: (with a calendar icon)
- Address:

Below the form is a blue button labeled 'Update'. At the bottom of the page, there is a link labeled 'Back to Update List'.

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vi. Now its modified in the student details

The screenshot shows a web browser at localhost:8080/update. The page title is 'Update Student'. It contains a table with student details and an 'Edit' link for each row.

| Roll No | Name | Age | Email | Date of Birth | Address | Action |
|---------|-----------|-----|-----------------|---------------|-------------|----------------------|
| 2 | KNR ROHIT | 23 | rohit@gmail.com | 2002-08-21 | Rajahmundry | Edit |

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vii. Now deleting the id:3 demo details

The screenshot shows a web browser at localhost:8080/delete. The page title is 'Delete Student'. It contains a table with student details and a 'Delete' link for each row.

| Roll No | Name | Age | Email | Date of Birth | Address | Action |
|---------|-----------|-----|-----------------|---------------|-------------|------------------------|
| 2 | KNR ROHIT | 23 | rohit@gmail.com | 2002-08-21 | Rajahmundry | Delete |
| 3 | demo | 25 | demo@gmail.com | 2000-05-23 | demo city | Delete |

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viii. Now its showing alert whether delete or not and click "OK"

The screenshot shows a web browser at localhost:8080/delete. A confirmation alert is displayed over the table. The alert text is 'localhost:8080 says Are you sure?' with 'OK' and 'Cancel' buttons. The table below shows the same data as the previous screenshot.

| Roll No | Name | Age | Email | Date of Birth | Address | Action |
|---------|-----------|-----|-----------------|---------------|-------------|------------------------|
| 2 | KNR ROHIT | 23 | rohit@gmail.com | 2002-08-21 | Rajahmundry | Delete |
| 3 | demo | 25 | demo@gmail.com | 2000-05-23 | demo city | Delete |

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ix. Now its deleted in student details

The screenshot shows a web browser at localhost:8080/delete. The table now only contains one row for Roll No 2. The 'demo' row has been removed.

| Roll No | Name | Age | Email | Date of Birth | Address | Action |
|---------|-----------|-----|-----------------|---------------|-------------|------------------------|
| 2 | KNR ROHIT | 23 | rohit@gmail.com | 2002-08-21 | Rajahmundry | Delete |

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x. My SQL Database of Student Application

The screenshot shows a database management tool interface. At the top, there's a toolbar with various icons and a 'Limit to 1000 rows' dropdown. Below the toolbar, a SQL query is entered: `1 * SELECT * FROM student_db.student_db;`. The main area displays a 'Result Grid' with columns: `rollno`, `address`, `age`, `dob`, `email`, and `name`. The data row shows: `2`, `Rajahmundry`, `23`, `2002-08-21`, `rohit@gmail.com`, and `KNR ROHIT`. To the right of the grid is a 'Result Out' panel with options like 'Form Editor' and 'Field Types'. At the bottom, an 'Action Output' panel shows the execution details: `1 12:40:14 SELECT * FROM student_db.student_db LIMIT 0, 1000` and `1 row(s) returned`.

CONSOLE:

```
2025-08-10T14:00:19.316+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] w.s.c.ServletWebServerApplicationContext : Root WebApplication
2025-08-10T14:00:19.766+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] o.hibernate.jpa.internal.util.LogHelper : HHH000204: Processi
2025-08-10T14:00:19.893+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] org.hibernate.Version : HHH0000412: Hibernat
2025-08-10T14:00:19.974+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] o.h.c.internal.RegionFactoryInitiator : HHH000026: Second-l
2025-08-10T14:00:20.555+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] o.s.o.j.p.SpringPersistenceUnitInfo : No LoadTimeWeaver s
2025-08-10T14:00:20.641+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Star
2025-08-10T14:00:21.375+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] com.zaxxer.hikari.pool.HikariPool : HikariPool-1 - Adde
2025-08-10T14:00:21.379+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] com.zaxxer.hikari.HikariDataSource : HikariPool-1 - Star
2025-08-10T14:00:21.539+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] org.hibernate.orm.connections.pooling : HHH10001005: Databa
Database JDBC URL [Connecting through datasource 'HikariDataSource (HikariPool-1)']
Database driver: undefined/unknown
Database version: 8.0.42
Autocommit mode: undefined/unknown
Isolation level: undefined/unknown
Minimum pool size: undefined/unknown
Maximum pool size: undefined/unknown
2025-08-10T14:00:23.016+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] o.h.e.t.j.p.i.JtaPlatformInitiator : HHH000489: No JTA f
2025-08-10T14:00:23.154+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] j.LocalContainerEntityManagerFactoryBean : Initialized JPA Ent
2025-08-10T14:00:23.500+05:30 WARN 12780 --- [StudentApplication] [ restartedMain] JpaBaseConfiguration$JpaWebConfiguration : spring.jpa.open-in-
2025-08-10T14:00:24.368+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] o.s.b.d.a.OptionalLiveReloadServer : LiveReload server i
2025-08-10T14:00:24.382+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] o.s.b.a.e.web.EndpointLinksResolver : Exposing 13 endpoint
2025-08-10T14:00:24.538+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on p
2025-08-10T14:00:24.559+05:30 INFO 12780 --- [StudentApplication] [ restartedMain] com.knr.student.StudentApplication : Started StudentAppl
2025-08-10T14:00:24.903+05:30 INFO 12780 --- [StudentApplication] [ on(4)-127.0.0.1] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring
2025-08-10T14:00:24.903+05:30 INFO 12780 --- [StudentApplication] [ on(4)-127.0.0.1] o.s.web.servlet.DispatcherServlet : Initializing Servlet
2025-08-10T14:00:24.905+05:30 INFO 12780 --- [StudentApplication] [ on(4)-127.0.0.1] o.s.web.servlet.DispatcherServlet : Completed initiali
```