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Department:Information Technology

Micro Project:Recipe Management System

Output:

1) Frontend Page:

Recipe Managment System

Recipe Id:

Recipe Name:

Recipe Origin:

Recipe Vedio Url:

CreateUpdateDeleteFindFind All

2) Adding data to Database:

Recipe Managment System

Recipe Id:

5

Recipe Name:

Beef Chukka

Invalid Recipe name

Recipe Origin:

Kerala

Recipe Vedio Url:

https://youtu.be/bl1jf_-51m8?si=72UVJ5Uy1uKK9rQP

CreateUpdateDeleteFindFind All

Recipe Details Added

localhost:3004/recipes

```
1 [{
2   {
3     "id": "1",
4     "name": "Chicken Biryani",
5     "origin": "India",
6     "url": "https://youtube.com/shorts/W7N3Uu536cA?si=L95trueI9HJIEupF"
7   },
8   {
9     "id": "2",
10    "name": "Mutton Chukka",
11    "origin": "India",
12    "url": "https://youtu.be/vbDFekUv6Nk?si=6QE2Hk2osR-FH_At"
13  },
14  {
15    "id": "3",
16    "name": "Chicken 65",
17    "origin": "India",
18    "url": "https://youtu.be/P7A4XY-uzHA?si=5SQ-OrbH_KtLZ4MU"
19  },
20  {
21    "id": "4",
22    "name": "Fish Fry",
23    "origin": "India",
24    "url": "https://youtu.be/XXbMuOn_HRU?si=KJdInz3RqoIccbM"
25  },
26  {
27    "id": "4",
28    "name": "Fish Fry",
29    "origin": "India",
30    "url": "https://youtu.be/XXbMuOn_HRU?si=KJdInz3RqoIccbM"
31  },
32  {
33    "id": "5",
34    "name": "Beef Chukka",
35    "origin": "Kerala",
36    "url": "https://youtu.be/bl1jf_-51m8?si=72UVJ5Uy1uKK9rQP"
37  }
38 }]
```

3)Update the 5th data:

The screenshot shows the Recipe Management System interface on the left and a JSON array of recipe data on the right. The interface has fields for Recipe Id (5), Recipe Name (Prawn Fry), Recipe Origin (India), and Recipe Video Url (https://youtu.be/Q_n1bRENGgE7si=RLE9HPkEz308LpYw). Below these fields are buttons for Create, Update, Delete, Find, and Find All. The status bar at the bottom says "Recipe Details Updated". The JSON array on the right contains 5 recipes, with the 5th recipe being "Prawn Fry".

```
1 [
2   {
3     "id": "1",
4     "name": "Chicken Biryani",
5     "origin": "India",
6     "url": "https://youtube.com/shorts/W7N3UuS36ca?si=L95true1SHJ1EwpF"
7   },
8   {
9     "id": "2",
10    "name": "Mutton Chukka",
11    "origin": "India",
12    "url": "https://youtu.be/vbDfknUV6Rk?si=6QE2Hk2osR-FH_At"
13  },
14  {
15    "id": "3",
16    "name": "Chicken 65",
17    "origin": "India",
18    "url": "https://youtu.be/P7A4XY-uzHA?si=s5SQ-0rbH_Xt1Z4MU"
19  },
20  {
21    "id": "4",
22    "name": "Fish Fry",
23    "origin": "India",
24    "url": "https://youtu.be/XkbMuDn_HMU?si=KJd1nz3RqoR1ccbM"
25  },
26  {
27    "id": "4",
28    "name": "Fish Fry",
29    "origin": "India",
30    "url": "https://youtu.be/XkbMuDn_HMU?si=KJd1nz3RqoR1ccbM"
31  },
32  {
33    "id": "5",
34    "name": "Prawn Fry",
35    "url": "https://youtu.be/Q_n1bRENGgE7si=RLE9HPkEz308LpYw"
36  }
37 ]
```

4)Delete the 3rd data:

The screenshot shows the Recipe Management System interface on the left and a JSON array of recipe data on the right. The interface has fields for Recipe Id (3), Recipe Name (Chicken 65), Recipe Origin (India), and Recipe Video Url (empty). Below these fields are buttons for Create, Update, Delete, Find, and Find All. The status bar at the bottom says "Recipe Details Deleted". The JSON array on the right contains 5 recipes, with the 3rd recipe being "Chicken 65".

```
1 [
2   {
3     "id": "1",
4     "name": "Chicken Biryani",
5     "origin": "India",
6     "url": "https://youtube.com/shorts/W7N3UuS36ca?si=L95true1SHJ1EwpF"
7   },
8   {
9     "id": "2",
10    "name": "Mutton Chukka",
11    "origin": "India",
12    "url": "https://youtu.be/vbDfknUV6Rk?si=6QE2Hk2osR-FH_At"
13  },
14  {
15    "id": "4",
16    "name": "Fish Fry",
17    "origin": "India",
18    "url": "https://youtu.be/XkbMuDn_HMU?si=KJd1nz3RqoR1ccbM"
19  },
20  {
21    "id": "5",
22    "name": "Prawn Fry",
23    "url": "https://youtu.be/Q_n1bRENGgE7si=RLE9HPkEz308LpYw"
24  },
25  }
26 ]
```

5) Find the 2nd data :

The screenshot shows a web browser window with the title "RecipeManagement" and the address "localhost:4200". The page displays the "Recipe Management System" header. Below the header, there is a form with four input fields: "Recipe Id:" (containing the value "2"), "Recipe Name:", "Recipe Origin:", and "Recipe Video Url:". At the bottom of the form, there are five buttons: "Create" (blue), "Update" (green), "Delete" (yellow), "Find" (light blue, highlighted), and "Find All" (blue). Below the form, the text "2 Mutton Chukka India https://youtu.be/vbDFnkUV6Nk?si=6QE2Hk2osR-FH_At" is displayed.

6) Find all the data:

The screenshot shows the same web browser window as before, but the "Find" button is now highlighted in red. Below the form, a table displays the search results for all data. The table has four columns: "Recipe Id", "Recipe Name", "Recipe Origin", and "Recipe Url". The table contains five rows of data.

Recipe Id	Recipe Name	Recipe Origin	Recipe Url
1	Chicken Biryani	India	https://youtube.com/shorts/W7N3UuS36cA?si=L9StruelSHJIEwpF
2	Mutton Chukka	India	https://youtu.be/vbDFnkUV6Nk?si=6QE2Hk2osR-FH_At
4	Fish Fry	India	https://youtu.be/XkbMuDn_HRV?si=Kld1nx3BqoRlccbm
5	Prawn Fry		https://youtu.be/Q_n1bRENGpE?si=RLF9HPKfz30BLpYw