|  |  |
| --- | --- |
| Controller/Action | Account/Register |
| Input | UserName string required maxlength=255  Password string required.  ConfirmPassword string required |
| Output | Register a user |

|  |  |
| --- | --- |
| Controller/Action | Account/Login |
| Input | UserName string required maxlength=255  Password string required. |
| Output | Login |

|  |  |
| --- | --- |
| Controller/Action | Account/Logout |
| Input |  |
| Output | Logout |

|  |  |
| --- | --- |
| Controller/Action | Account/EditUserInfo |
| Input | Id int  UserName string  Email string  PhoneNumber string |
| Output | Edit current user’s basic information |

|  |  |
| --- | --- |
| Controller/Action | Order/Index |
| Input |  |
| Output | list all records |

|  |  |
| --- | --- |
| Controller/Action | Order/Index |
| Input |  |
| Output | list my records |

|  |  |
| --- | --- |
| Controller/Action | Order/Buy |
| Input | Pid int |
| Output | buy a product. create order, update customer info |

|  |  |
| --- | --- |
| Controller/Action | Product/Index |
| Input |  |
| Output | list all products |

|  |  |
| --- | --- |
| Controller/Action | Product/Search |
| Input | Keyword string |
| Output | search for products |
| Controller/Action | Product/Details |
| Input | Id int |
| Output | show one product details |

|  |  |
| --- | --- |
| Controller/Action | Product/Create |
| Input | Name string required maxlength=255  Author string maxlength=255  Description string  GenreID int |
| Output | create a new product |

|  |  |
| --- | --- |
| Controller/Action | Product/Edit |
| Input | Id int  Name string required maxlength=255  Author string maxlength=255  Description string  GenreID int |
| Output | Edit a product |

|  |  |
| --- | --- |
| Controller/Action | Product/Delete |
| Input | Id int |
| Output | Delete a product |

|  |  |
| --- | --- |
| Controller/Action | User/Index |
| Input |  |
| Output | list all users |

|  |  |
| --- | --- |
| Controller/Action | User/Edit |
| Input | Id int  UserName string  Email string  PhoneNumber string  Role string |
| Output | edit user information |

|  |  |
| --- | --- |
| Controller/Action | User/Delete |
| Input | Id int |
| Output | delete user |