Functionality Name: *example for “user”*

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ control-L | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C | We have a form in this file, for example, the register (sign up) form. | In this file we have a register form trigger. | In this file we have an api endpoint. | This file will have the user model. (All the business objects) | This file will have the user’s data. |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: user

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/user.js | database |
| **create** | C | registration form  ☑ | registration form trigger  ☑ | /users/create api endpoint  ☑ | user schema  ☑ | user collection  ☑ |
| **read** | R | login form  ☑ | login form trigger  ☑ | /users/login api endpoint  ☑ | user schema  no action necessary | user collection  no action necessary |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: item (set, MOC, and part)

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C | add-to-inventory-form  ☑ | add-to-inventory trigger  ☑ | /item/create api endpoint  ☑ |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

CRUD Operations Map **users** (☑)

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ☑ | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | <form action="" class="signup-form"> | $(".signup-form").submit(function (event) { | app.post('/users/create', (req, res) => { | *user.js*  const userSchema = new mongoose.Schema({ |  |
| **read** | <form action="" class="login-form"> | $(".login-form") .submit(function (event) { | app.post('/users/login', function (req, res) { | *user.js*  userSchema.methods .validatePassword = function (password, callback) { |  |
| **update** |  |  |  |  |  |
| **delete** |  |  |  |  |  |

CRUD Operations Map **inventory (part)**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ☑ | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | <form action="" class="add-to-inventory-form"> | $(".add-to-inventory-form").submit(function (event) { | app.post('/item/create', function (req, res) { | *part.js*  const partSchema = new mongoose.Schema({ |  |
| **read** |  |  |  |  |  |
| **update** |  |  |  |  |  |
| **delete** |  |  |  |  |  |

CRUD Operations Map **search**

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| ☑ | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** |  |  |  |  |  |
| **read** | <form class="search-form"> | $(".search-form").submit(function (event) { |  |  |  |
| **update** |  |  |  |  |  |
| **delete** |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |

Functionality Name: \_\_\_\_\_\_\_\_

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| --- | --- | --- | --- | --- | --- | --- |
| ☑ | | HTML | client.js | server.js | models/\_\_\_\_\_\_\_\_\_\_\_ | database |
| **create** | C |  |  |  |  |  |
| **read** | R |  |  |  |  |  |
| **update** | U |  |  |  |  |  |
| **delete** | D |  |  |  |  |  |