

User Interface

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Providing gluten free, vegan, low GI alternatives.
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Chicken, beef and fish burgers made to order.
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Dessert Delight
Ice-cream, gelato, sweet pastries and cakes. Yum!
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Login | [Forgot Password?](#)

Username:

Username not found.

Password:

Programmed Components

```
BEGIN show_all_trucks
  SET result TO SELECT * FROM trucks
  SET iterator to 0
  WHILE iterator < length(result)
    OUTPUT result ["truck_name"]
    ...
  END WHILE
END show_all_trucks
```

show_all_trucks algorithm triggered on launch navigation to the page. It does not require a secure sign-in and displays all truck data for browsing to anonymous users of the site.

```
BEGIN login
  SET authenticated TO FALSE
  WHILE NOT authenticated
    # Variables u and p stand for
    # username and password:
    INPUT u
    INPUT p
    SET result TO SELECT * FROM users
    WHERE username = u
    # length function to determine
    # number of records in result:
    IF length(result) < 1 THEN
      OUTPUT "Username not found."
    ELSE
      ...
    END IF
  END WHILE
END login
```

Data Elements

```
CREATE TABLE trucks (
  truck_id INTEGER NOT NULL UNIQUE PRIMARY KEY AUTOINCREMENT,
  truck_name CHAR(128) NOT NULL,
  truck_image CHAR(128)
  ...
);
```

```
CREATE TABLE users (
  user_id INTEGER NOT NULL UNIQUE PRIMARY KEY AUTOINCREMENT,
  username CHAR(128) NOT NULL,
  password CHAR(128)
  ...
);
```