| User | | | |
|-------------|--------------|-------------|---|
| <u>Key</u> | <u>Field</u> | <u>Type</u> | |
| primary key | id | integer | H |
| data | username | string | |
| data | password | string | |
| data | email | string | |
| data | active | boolean | |
| data | type | enum | |

| | Route (Stretch Goal) | | |
|-----|----------------------|--------------|-------------|
| | <u>Key</u> | <u>Field</u> | <u>Type</u> |
| | primary key | id | integer |
| | data | day_of_week | enum |
| -0< | foreign key | driver_id | integer |

| | | Location | |
|------|-------------|--------------|-------------|
| | <u>Key</u> | <u>Field</u> | <u>Type</u> |
| | primary key | id | integer |
| | data | street | string |
| | data | city | string |
| | data | state | string |
| | data | zip_code | integer |
| | data | type | enum |
| 4 | foreign key | user_id | integer |
| $\{$ | foreign key | route_id | integer |

| Bin_Model | | | |
|-------------|----------------|-------------|--|
| <u>Key</u> | <u>Field</u> | <u>Type</u> | |
| primary key | id | integer | |
| data | material | enum | |
| data | color | string | |
| data | length | integer | |
| data | width | integer | |
| data | height | integer | |
| data | volume_gallons | integer | |
| data | weight_lbs | integer | |

| | Bin | | |
|--------|-------------|--------------|-------------|
| | <u>Key</u> | <u>Field</u> | <u>Type</u> |
| | primary key | id | integer |
| | data | active | boolean |
| \leq | foreign key | bin_model | integer |
| \leq | foreign key | location_id | integer |

| Order_Bin (Stretch Goal) | | |
|--------------------------|----------------|-------------|
| <u>Key</u> | <u>Field</u> | <u>Type</u> |
| primary key | id | integer |
| data | order_dae | date |
| data | fulfilled_date | date |
| data | status | enum |
| foreign_key | location_id | integer |
| foregin_key | bin_model_id | integer |