Bug Tracker System

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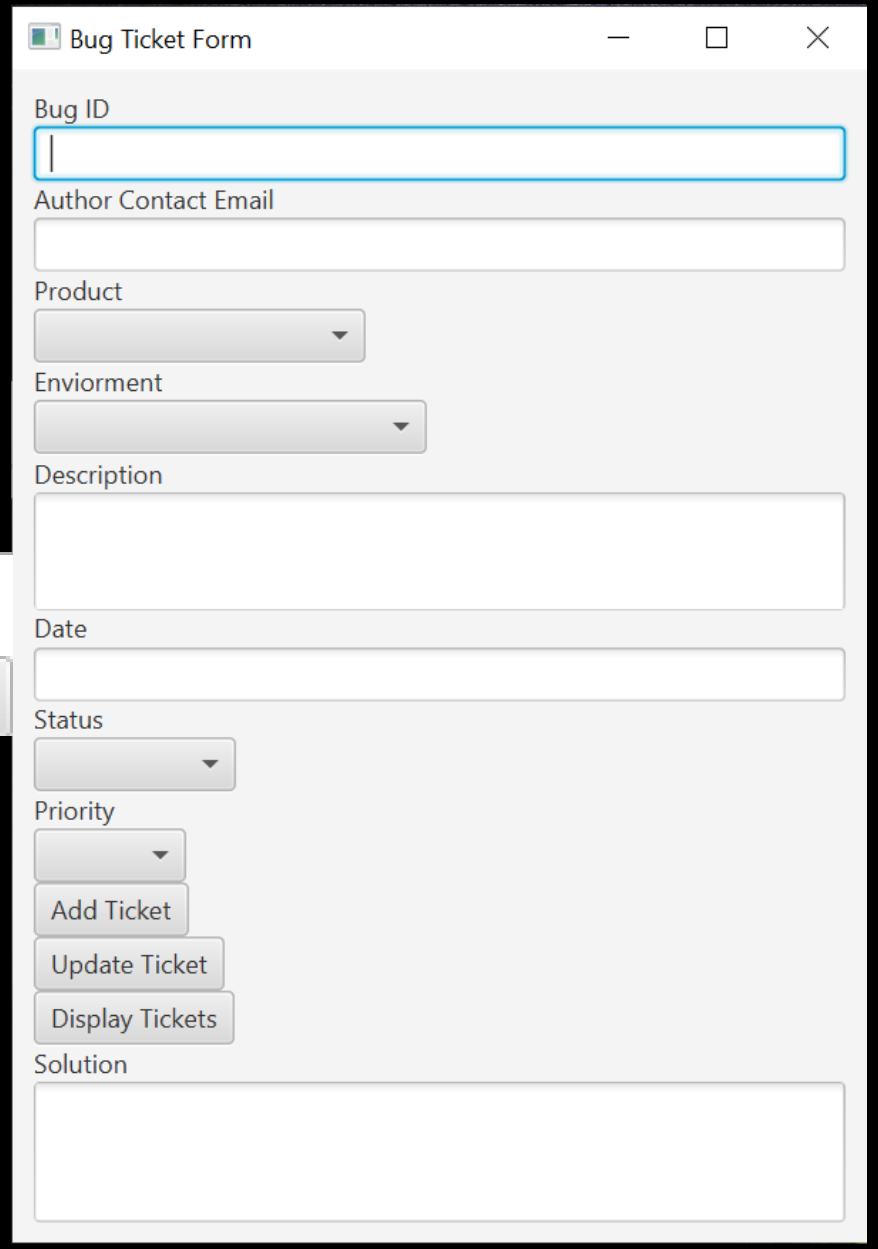
The Product

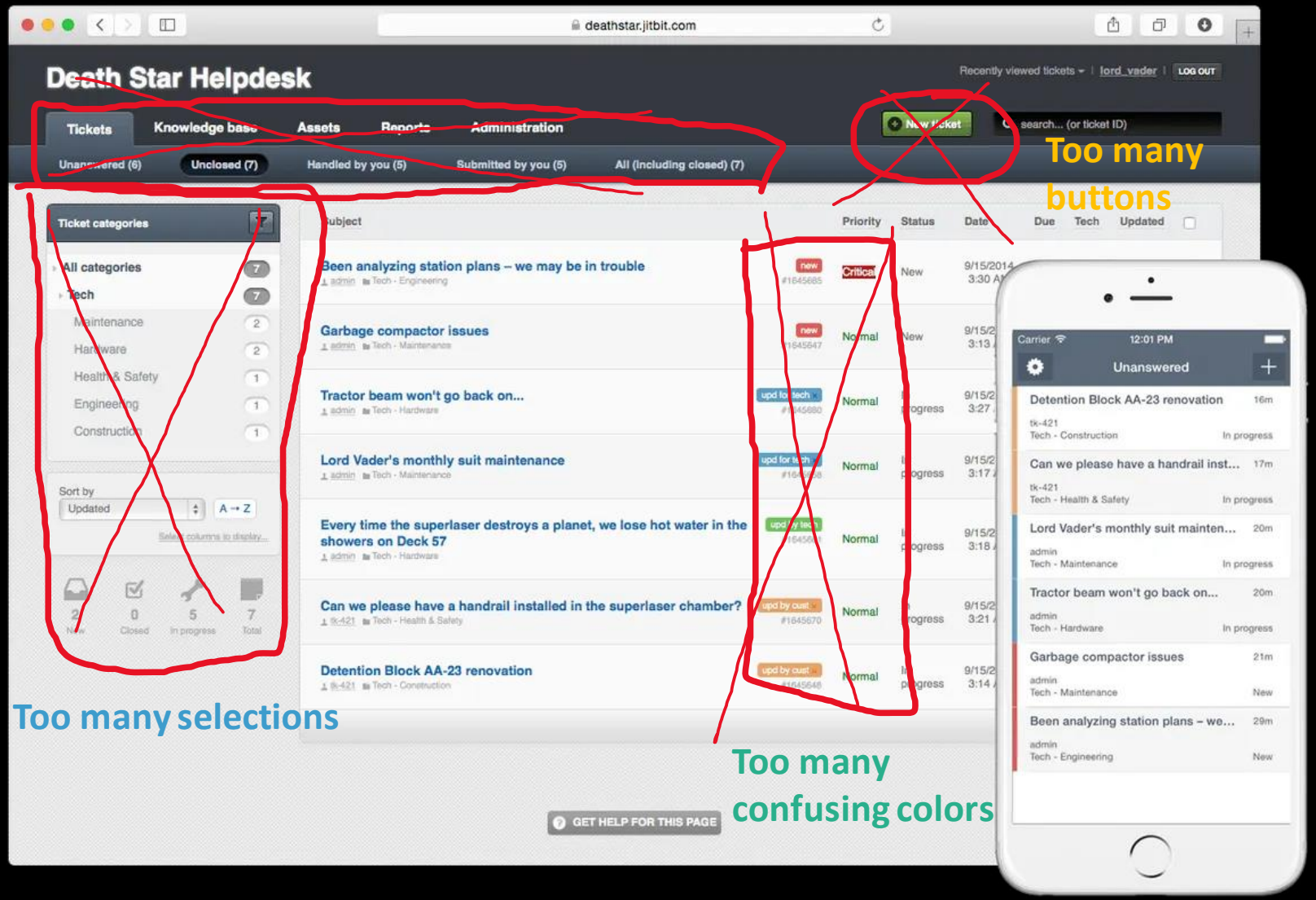
- Bug ticketing system



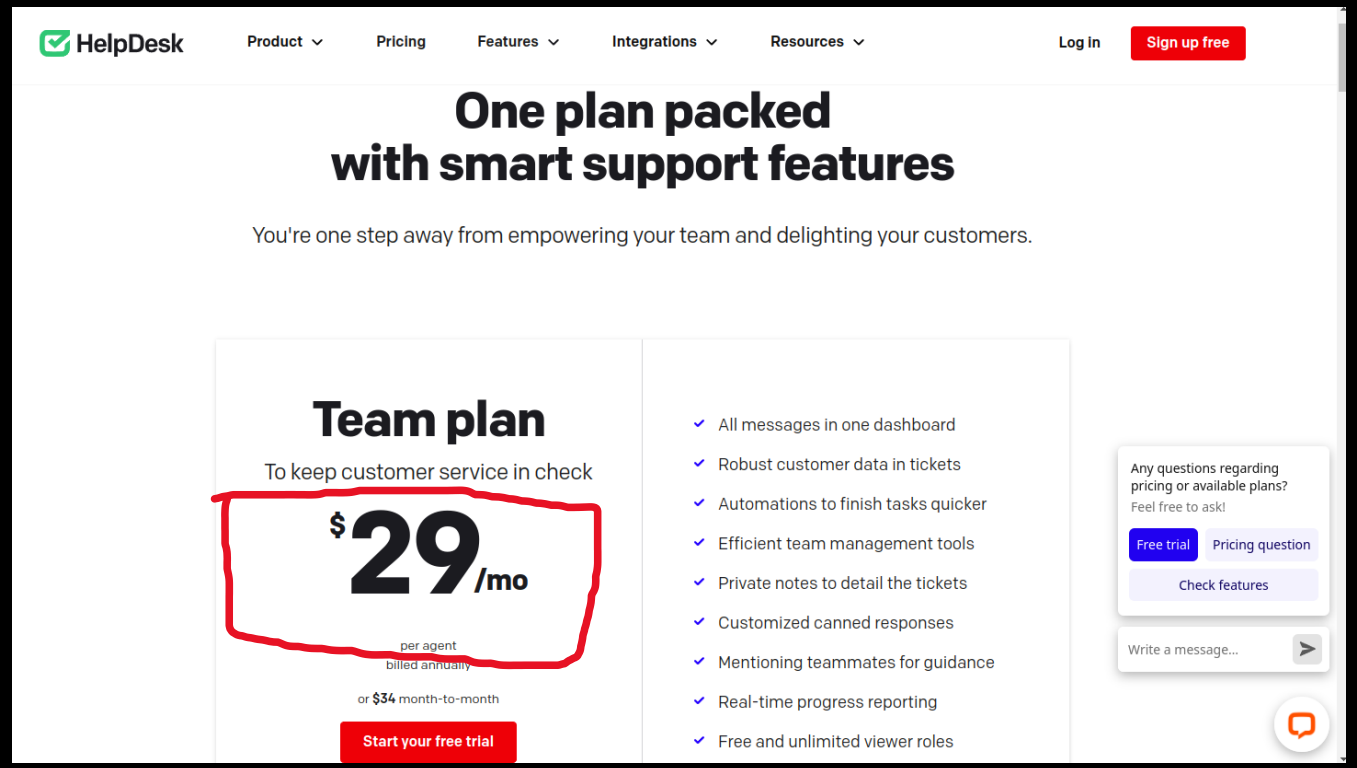
Why?

- Stuff has bugs, glitches, and other issues, so this application allows users to report them
- Allows the developers of the product to easily resolve the issues

Too Complicated



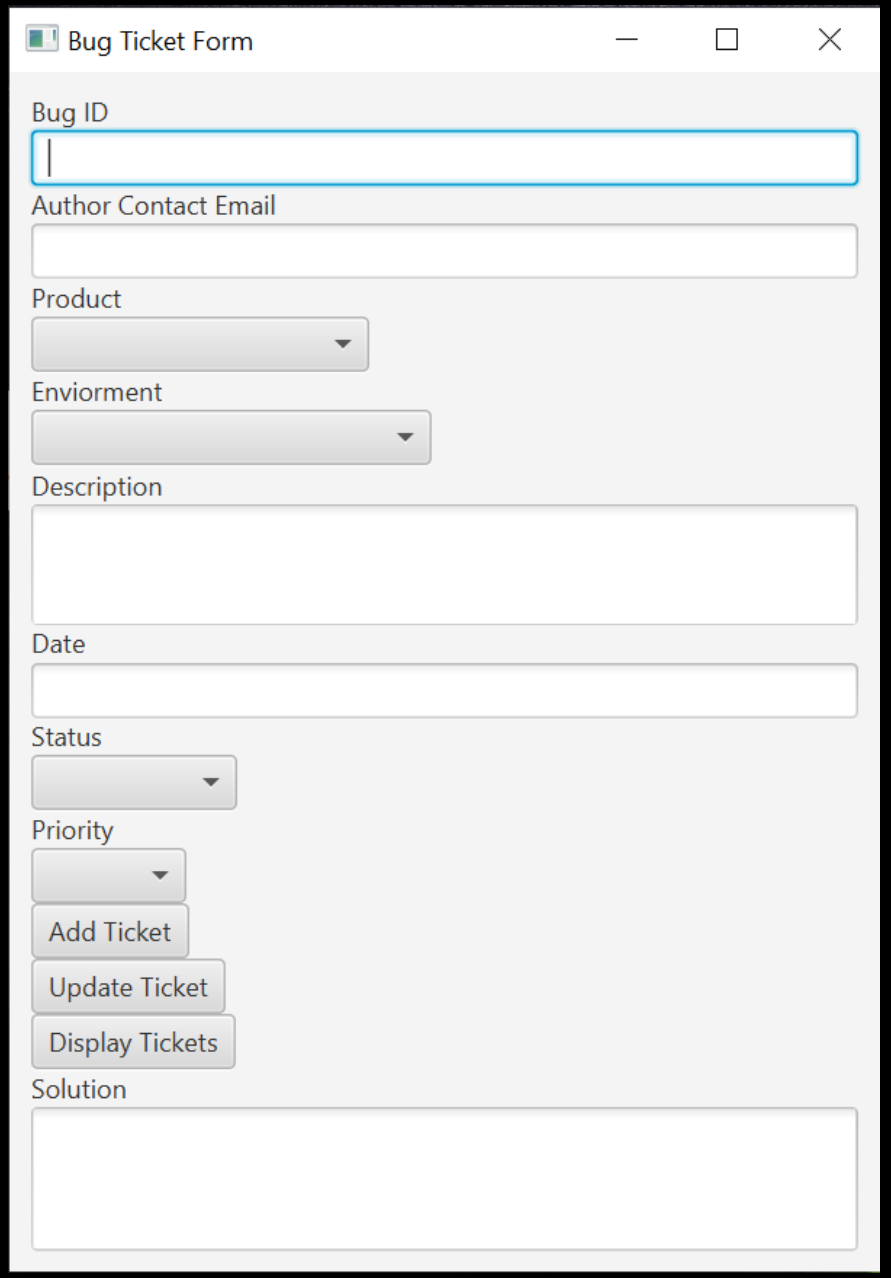
Alternatives Are Too Expensive



~7 Among Us games/month
~18 Tennis balls/month
~10 Live chickens/month
~6 Costco chickens/month

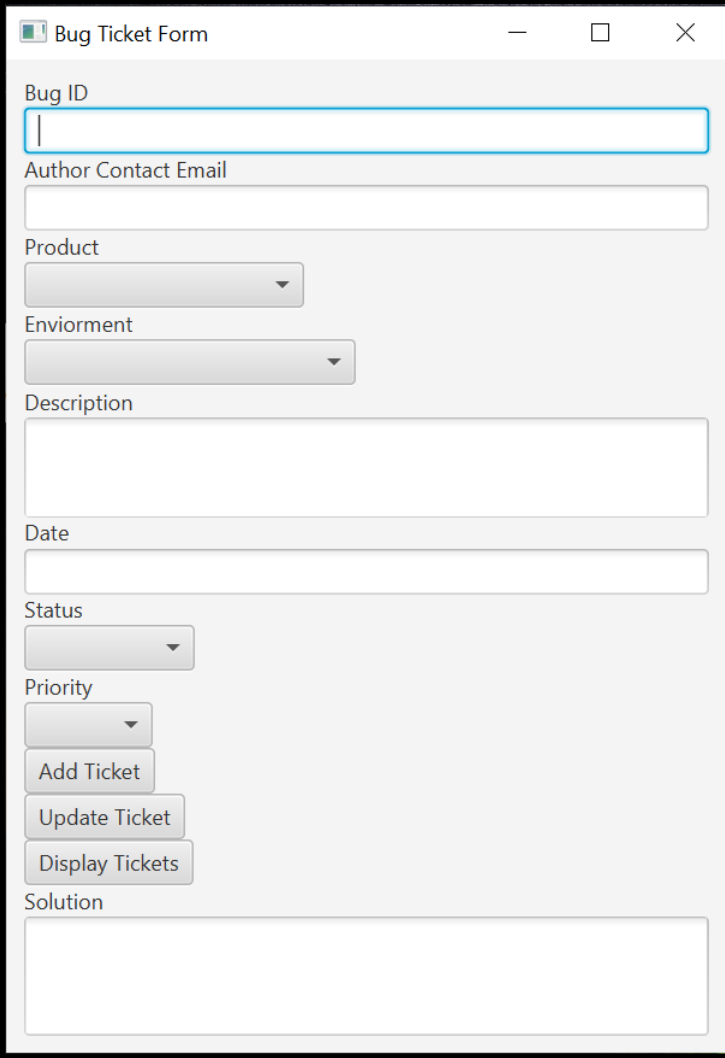
Our Solution

- Better Bug Ticketing system
- Simple and straightforward
- Less confusing colors
- Free $0/month



User Input

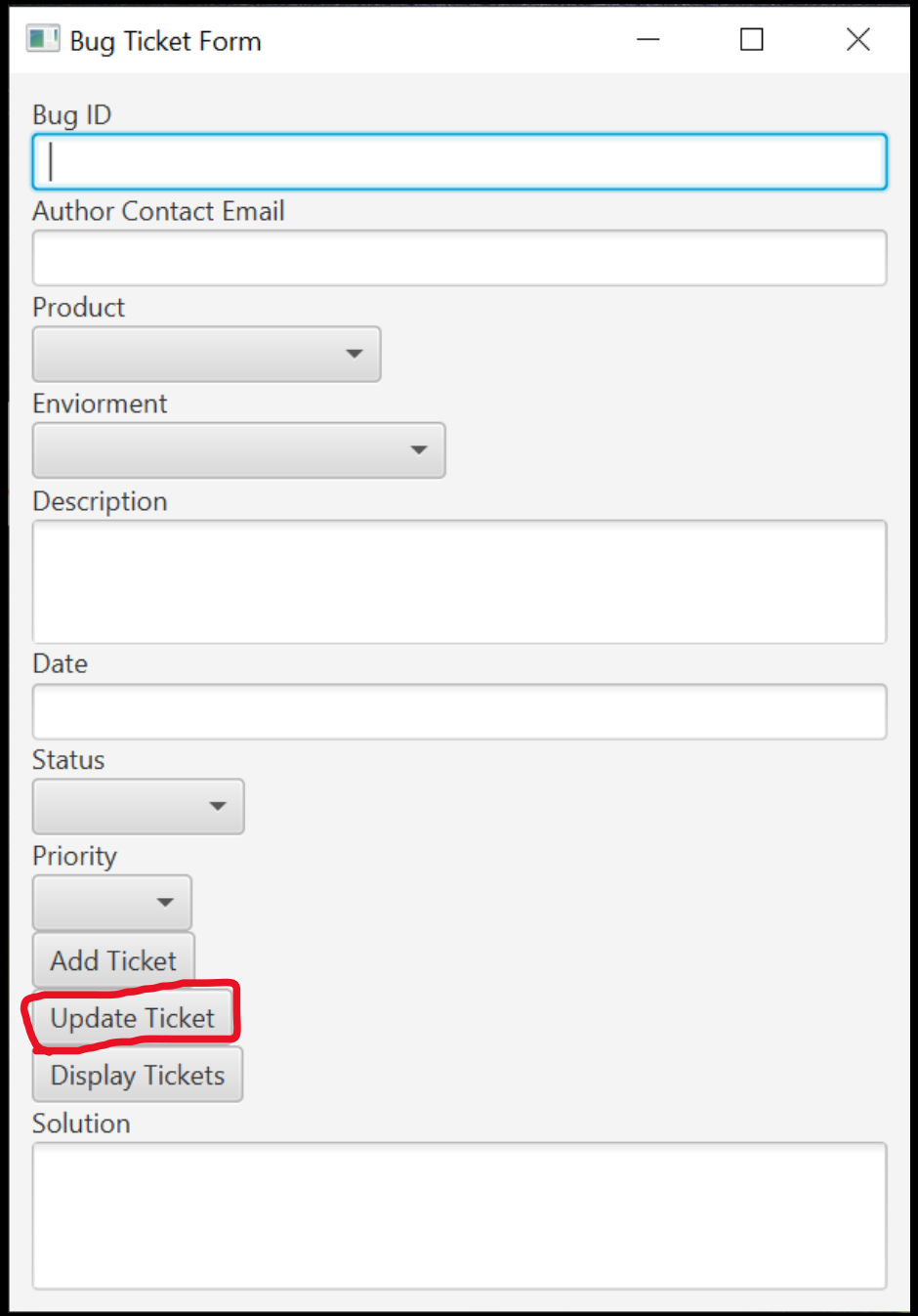
- How the application will get user input



Updating Data

- How the data in the table is updated

```
114         lblDescription = new Label("Description");
115         txtDescription = new TextArea();
116
117         lblDate = new Label("Date");
118         txtDate = new TextField();
119
120         lblStatus = new Label("Status");
121         cmbStatus = new ComboBox();
122         cmbStatus.getItems().addAll("New", "Open", "Assigned", "Resolved");
123
124         lblPriority = new Label("Priority");
125         cmbPriority = new ComboBox();
126         cmbPriority.getItems().addAll("Low", "Mid", "High");
127
128         lblSolution = new Label("Solution");
129         txtSolution = new TextArea();
130
131         btnAdd = new Button("Add Ticket");
132         btnAdd.setOnAction(btnAddEvent);
133
134         btnUpdate = new Button("Update Ticket");
135         btnUpdate.setOnAction(btnUpdateEvent);
136
137         btnDisplay = new Button("Display Tickets");
138         btnDisplay.setOnAction(btnDisplayEvent);
139
140         vbox.getChildren().addAll(lblBugID,txtBugID,lblAuthorContactEmail, txtAuthorContactEmail,
141                 lblProduct, cmbProduct, lblEnviorment,cmbEnviorment,lblDescription,txtDescription,
142                 lblDate, txtDate,lblStatus, cmbStatus,lblPriority,cmbPriority,
```



Tickets Table

- Tickets saved in Database
- Displayed in Table window when press Display button.
- https://docs.oracle.com/javafx/2/ui_controls/table-view.htm

```
1  SELECT * FROM ROOT.BUGTICKET FETCH FIRST 100 ROWS ONLY;
2
```

SELECT * FROM ROOT.BUGTIC... ×

Max. rows: 100 Fetched Rows: 2 Matching Rows:

#	BUGID	AUTHORCONTACTEMAIL	PRODUCT	ENVIORMENT	DESCRIPTION	DATEREPORTED	STATUS	PRIORITY	SOLUTION
1	1	FakeFakey@mail.com	Java Project 1	Linux	Database not working	2022-11-11	open	mid	no Solution
2	2	no contact	Java Project 2.2.10	Windows 10	TABLES wont populate	11/26/2022	New	High	.

Improvements to be made

- Fix mistakes
- Populate table directly from database
- A search bar to search for all the past tickets
- Upgrade the appearance
- Link who logged in
- GitHub link
- Add editable feature to table