

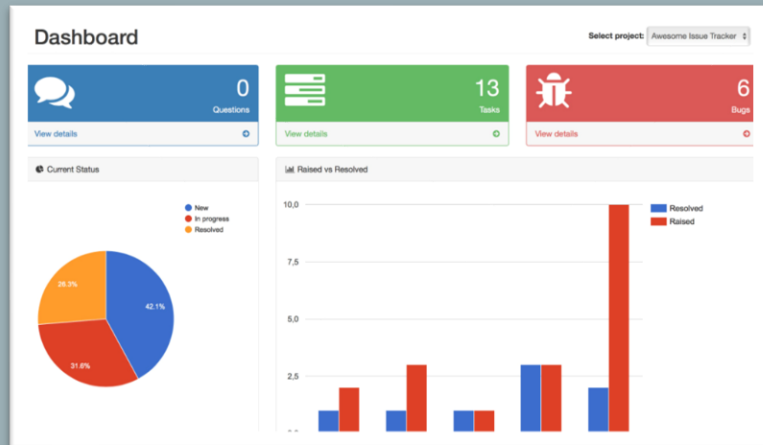
# STEP 2 - PROJECT SELECTION:

## **BUG TRACKER**

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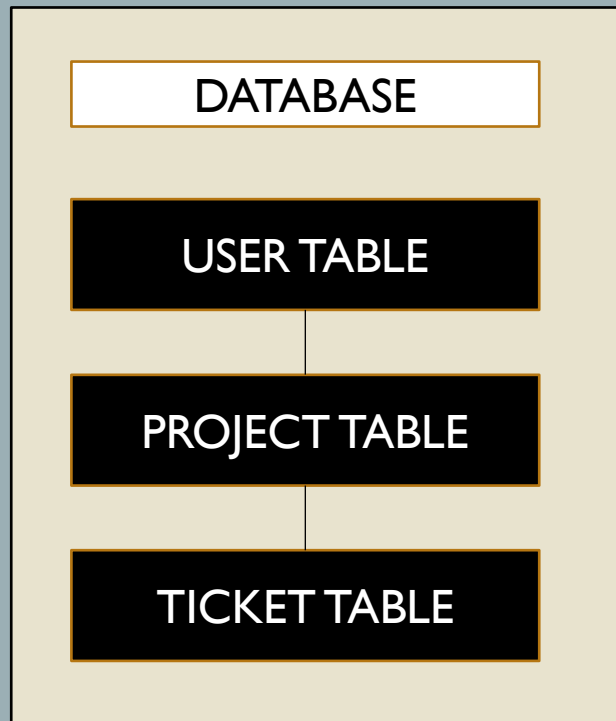
# INTRODUCTION



Issue Type	Subject	Status	Start Date	Due date
Release	Release in-app announcement of new email design	Resolved	Jun. 26, 2017	Jun. 26, 2017
Release	Release blog for new email design	Open	Jun. 20, 2017	Jun. 26, 2017
Release	Release expense summary on mobile	Open	Jun. 20, 2017	Jun. 26, 2017
Release	Release Blog for English at June 27: New Design Mail	Resolved	Jun. 20, 2017	Jun. 26, 2017
Release	Release backlog-app 2017-06-13	Closed	Jun. 12, 2017	Jun. 13, 2017
Release	Release related dashboard URLs	In Progress	Jun. 12, 2017	Jun. 15, 2017
Release	Release backlog-app 2017-05-30	Closed	May. 29, 2017	May. 30, 2017
Release	Release view issue and project settings	Open	May. 10, 2017	May. 16, 2017
Release	Release backlog-app 2017-05-16	Closed	May. 10, 2017	May. 16, 2017
Release	Write a release blog for 2016-05-16	Closed	May. 10, 2017	May. 16, 2017

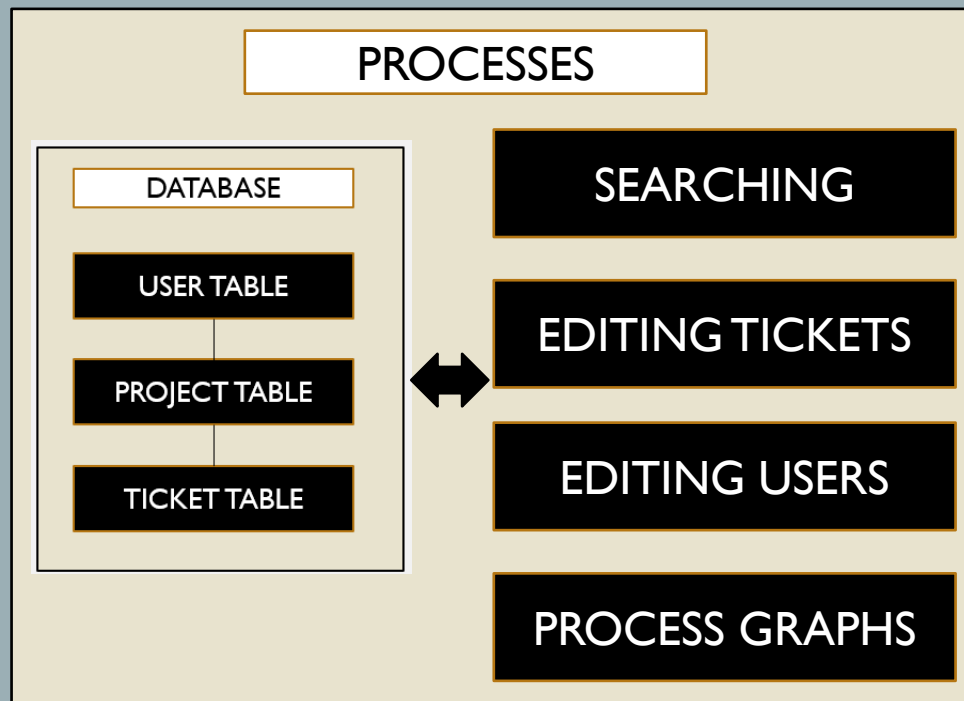
- Bug Tracker: Management application for trouble tickets
- FEATURES
  - Settings/profile screen
  - Add and edit trouble tickets
  - Search/sort function
  - Fully functional UI
  - Registration Process
  - Login Screen
  - Demo Users
  - Multiple Pages
    - homepage, current tickets, history, etc.

## PART I: DATA PHASE



- Data Phase: Specifies the kind of data will be in the database.
- Areas of consideration:
  - Users – registration process (usernames, passwords), profile preferences, role, etc.
  - Projects – project id, description, ticket id's, etc.
  - Tickets – subject, ticket id, date, contact info, etc.

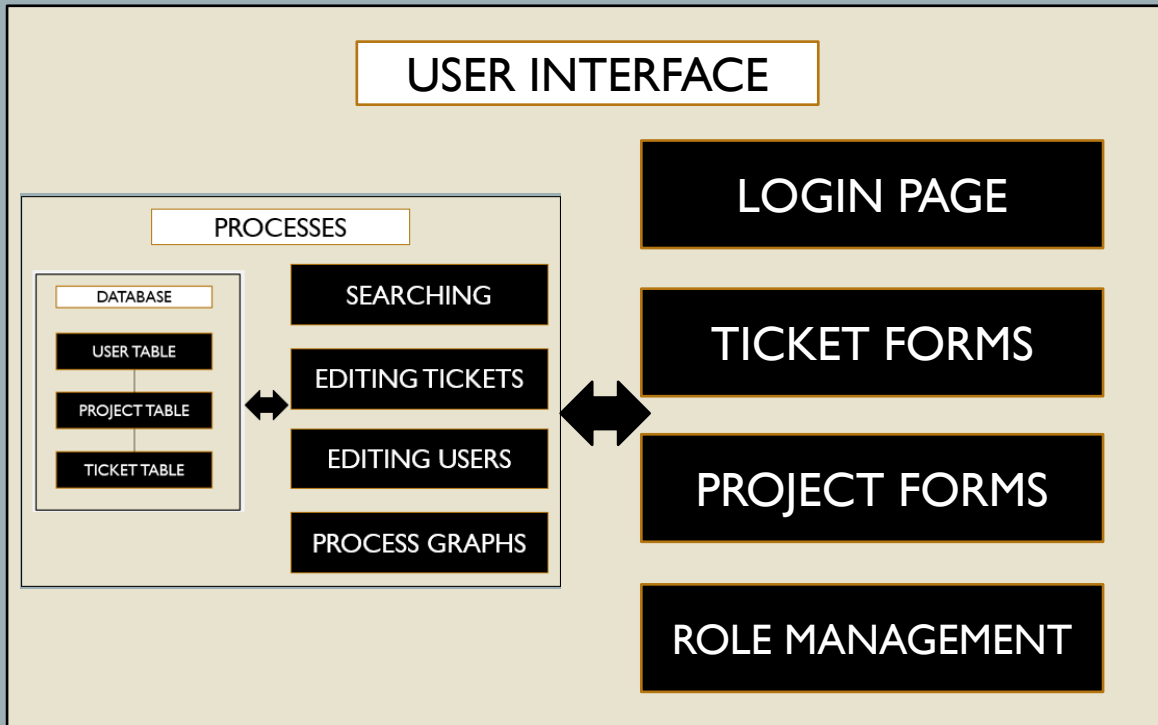
## PART 2: PROGRAMMING PHASE



- Programming Phase: Processing the data from the database and modifying it appropriately to provide the user the desired result.
- The main processes:
  - Searching/sorting of the ticket
  - Adding and editing the tickets
  - Keeping the statistics of the ticket data for the tables/graphs
  - Adding/editing user data.

## PART 3: INTERFACE PHASE

- Interface phase: Involves presenting the application with functional elements (e.g. graphs, buttons, text boxes, etc.).
- The following are some areas with elements:
  - Login page/ Registration elements
  - Add/edit form for tickets or projects
  - Search function
  - Admin role management
  - Quick tabs



## CONCLUSION



- **Bug Tacker:**
  - Thorough trouble ticket management application
  - Supports multiple user roles.
  - Large variety of functions
- The development process will focus on three phases:
  - **Data phase:** Ensure that the data (e.g. user, ticket) will be stored in the database appropriately.
  - **Programming phase:** Implement processing for the data to ensure that it is manipulated properly.
  - **Interface phase:** Ensure that each element of the user interface functions properly.