

# Dashboard.LOL

Presented by the SAD IT Guys

# Project Info

## Team Members

- Dan Mocnik
- Matt Curtis

Team Name: SAD IT Guys

- Student Affairs & Diversity IT
  - So sad :(



# Project Info (cont.)

## Application Scenario

- Dashboard.lol is a website in which users can create a customizable dashboard comprised of widgets. Users can select which widgets they would like to have on their dashboard, and are also able to choose the layout of the widgets to suit their needs.

## Problem Statement

- The aim of our website is to allow users to view the information they consume from multiple different sources, all in a single and organized place, along with an intuitive UI, which saves time and effort. The database is essential to allow the website to remember layouts, enabled or disabled widgets, user credentials, etc.

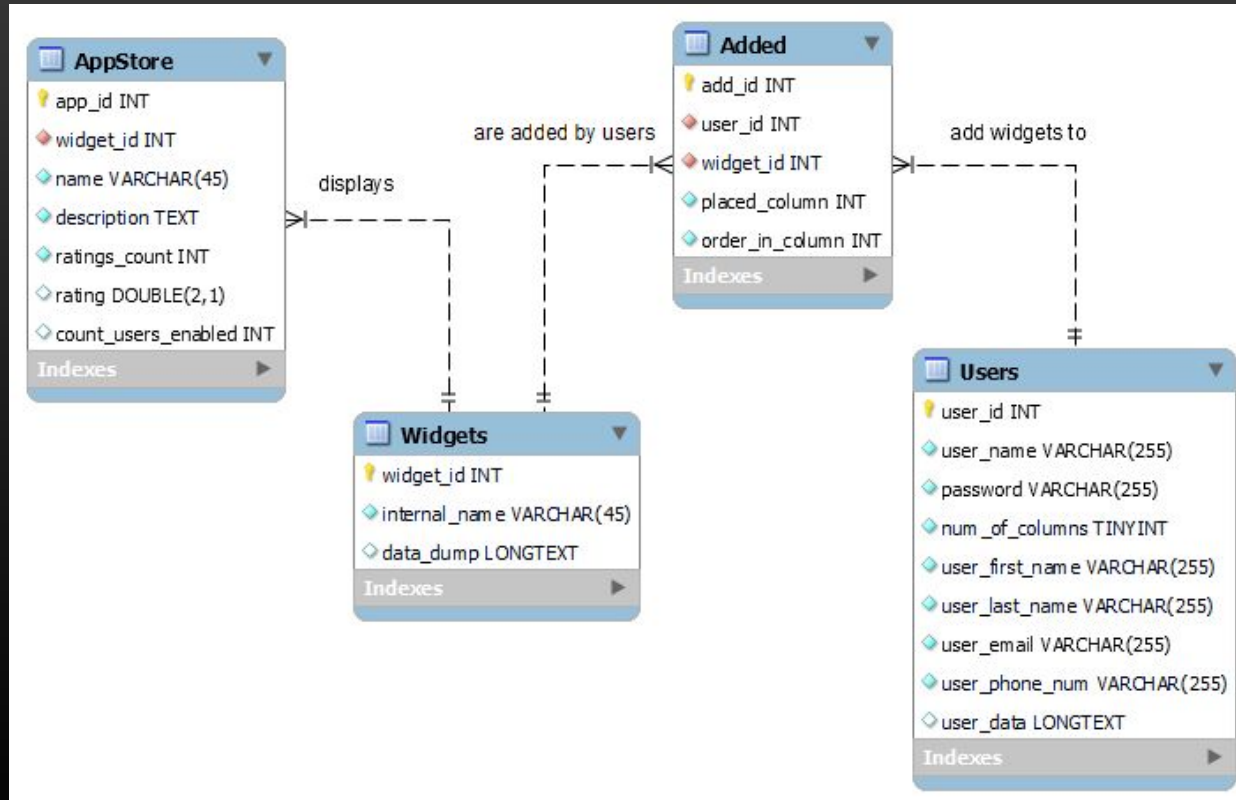
# Functional Requirements

Users should be able to...

- Create an account, Login to / logout from website
  - Create, read
- “Install” and “Uninstall” widgets from the widget store
  - Create, read, delete
- Edit layout of dashboard
  - Read, update
- Edit number of columns
  - Read, update
- Add and remove widgets to/from their dashboard, from their list of “installed” widgets
  - Create, read, delete
- Interact with any widgets that retain user-specific data
  - Read, update
- View dashboard widgets
  - Read, search, sort



# ER Diagram



# Tools, Frameworks, & Technologies Used

- IDE: VS Code
- Bitnami (by VMware) WAMP / LAMP
  - Apache, MariaDB, PHP
- MySQL Workbench
- Website
  - PHP, HTML, Javascript, Bootstrap
- Python
  - BeautifulSoup, Yattag, Spotipy, Requests
- Google Cloud VM for production instance
- Rectify11 on Xen Orchestra for testing instance



**Demo**

**Thanks for listening! 👍**