CharityHub

by Team One

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Demo

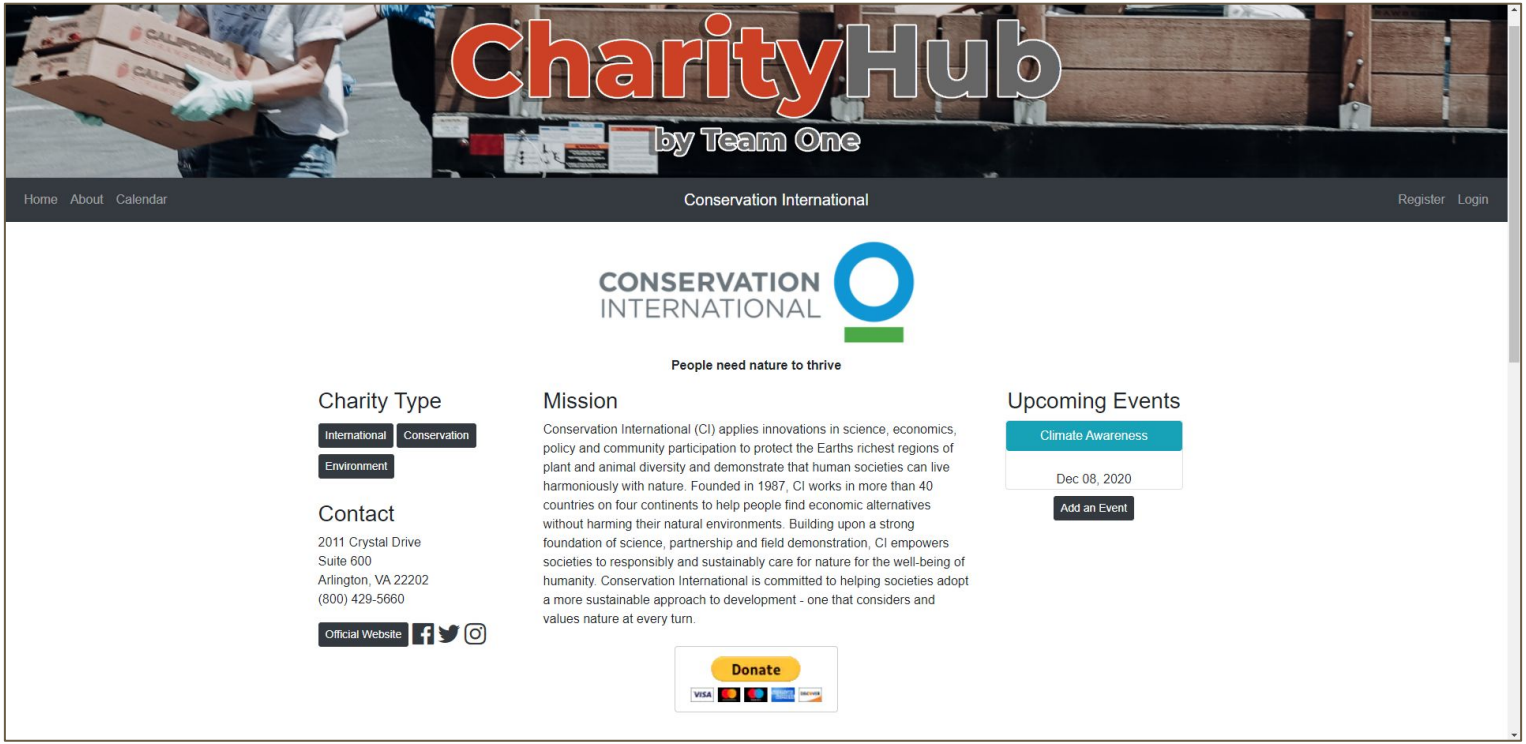
Overview

CharityHub
by Team One
Home
About
Calendar
Register
Login
About
Our mission is to provide a simple and accessible hub for charities, non-profits, and disaster-relief organizations to find potential donors, from casual users to philanthropists.
The goal of this website is to provide a simple and accessible way for charities, nonprofits, and disaster-relief organizations to expand their reach to potential donors. The foundation of our system would be to allow people who have philanthropic interests to access an organized system to find

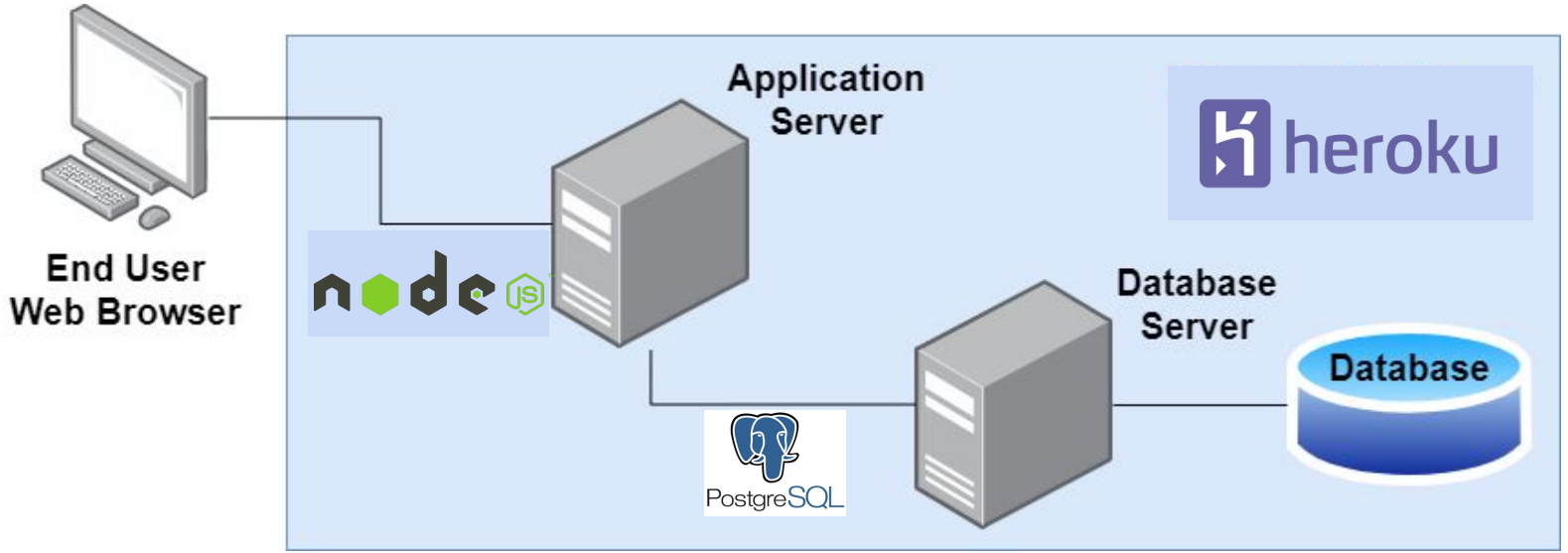
Home Page

CharityHub
by Team One
Home About Calendar
Register Login
Search for a charity by name, keyword, location, type...
Search
Featured
Add a Charity
Community Food Share
More than a food bank
Food Bank Local Volunteering
Boulder Shelter for the Homeless
Food, shelter, hope
Homeless Local Health
Conservation International
People need nature to thrive
International Conservation
Environment

Charity Page Example



Application Architecture



Tools used & Methodology

Project Tracker: Jira Software

VCS repository: GitHub

Database: PostgreSQL

Deployment environment: heroku

Payment API: PayPal

Framework: node.js

Methodology: Agile

Rating

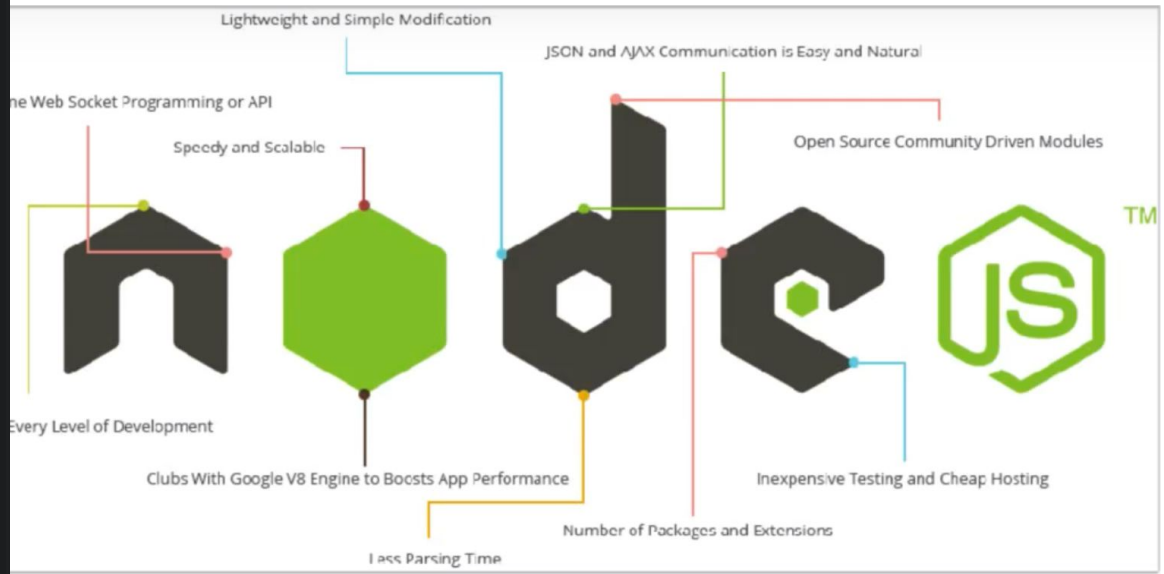
Challenges

- Getting login functions working with passport modules.
  - Solution: Learned how asynchronous functions work with passport authentication.
- Cloud deployment.
  - Solution: Discovered an error with using an environment variable for sessions with the passport module.
- Formatting pages using Bootstrap & Popper
  - Solution: Used online resources and documentation to familiarize ourselves with common useful classes, cards, modals, etc.

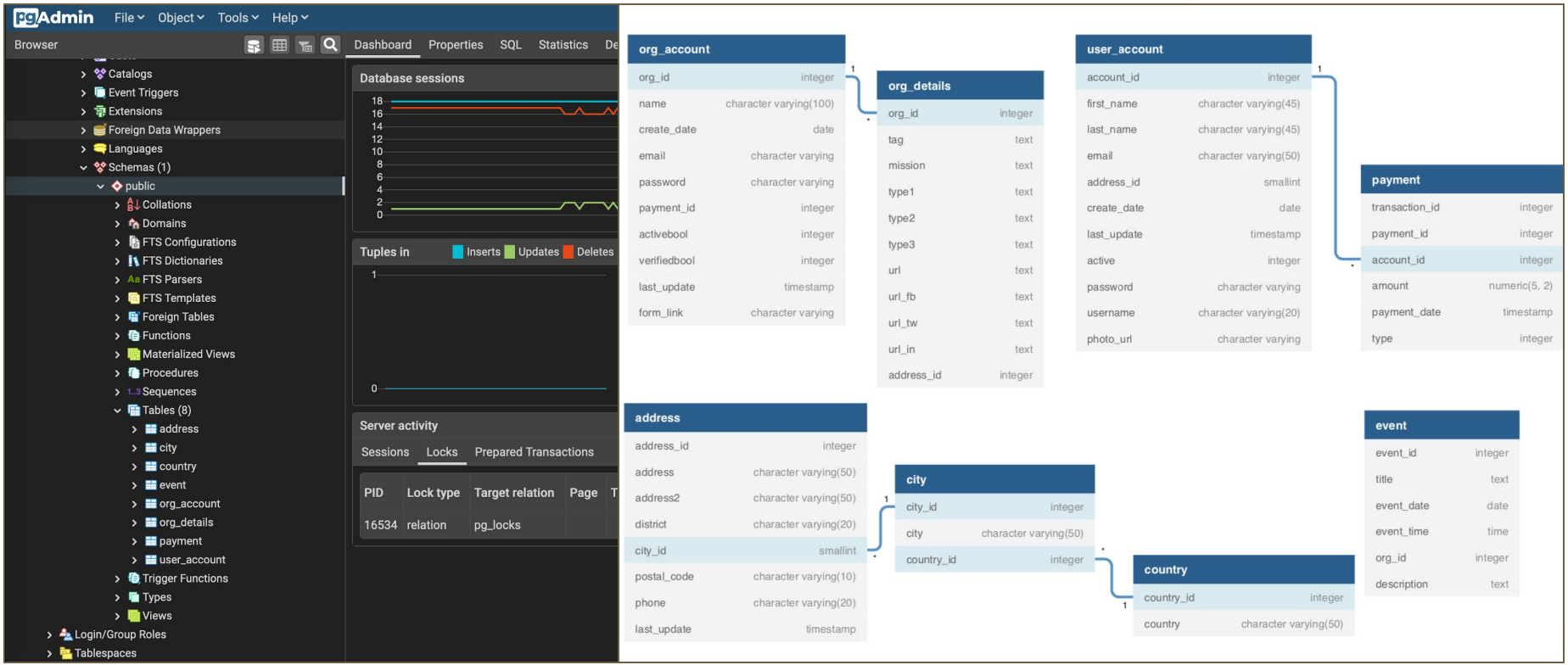
NODE.js

```
if (process.env.NODE_ENV !== 'production') {
  require('dotenv').config();
}

// Modules are defined here
var express = require('express');
var app = express();
const portNum = 5432;
var path = require('path');
var bodyParser = require('body-parser');
var createUserRoute = require('./routes/createUser');
const passport = require('passport');
const flash = require('express-flash');
const session = require('express-session');
const methodOverride = require('method-overri
const initializePassport = require('./route
const renderHomepage = require('./route
const updateProfile = require('./rou
const createChar = require('./route
const renderCharity = require('
const renderHistory = require(
const renderSearch = require('
const renderCalendar = require('./rou
const createEve = re
const { render } =
const url = re
const bcrypt =
const upda
initia

// Defini
app.use(bo
app.use(express.static('public'));

app.use(session({
  secret: process.env.SESSION_SECRET,
  resave: false,
  saveUninitialized: false
}));
app.use(passport.initialize());
app.use(passport.session());
```

TOP SECRET



PostgreSQL


pgAdmin
File
Object
Tools
Help
Browser
Dashboard
Properties
SQL
Statistics
Catalogs
Event Triggers
Extensions
Foreign Data Wrappers
Languages
Schemas (1)
public
Collations
Domains
FTS Configurations
FTS Dictionaries
FTS Parsers
FTS Templates
Foreign Tables
Functions
Materialized Views
Procedures
Sequences
Tables (8)
address
city
country
event
org_account
org_details
payment
user_account
Trigger Functions
Types
Views
Login/Group Roles
Tablespaces
Database sessions
Tuples in
Inserts
Updates
Deletes
Server activity
Sessions
Locks
Prepared Transactions
PID
Lock type
Target relation
Page
16534
relation
pg_locks
org_account
org_id integer
name character varying(100)
create_date date
email character varying
password character varying
payment_id integer
activebool integer
verifiedbool integer
last_update timestamp
form_link character varying
org_details
org_id integer
tag text
mission text
type1 text
type2 text
type3 text
url text
url_fb text
url_tw text
url_in text
address_id integer
user_account
account_id integer
first_name character varying(45)
last_name character varying(45)
email character varying(50)
address_id smallint
create_date date
last_update timestamp
active integer
password character varying
username character varying(20)
photo_url character varying
payment
transaction_id integer
payment_id integer
account_id integer
amount numeric(5, 2)
payment_date timestamp
type integer
address
address_id integer
address character varying(50)
address2 character varying(50)
district character varying(20)
city_id smallint
postal_code character varying(10)
phone character varying(20)
last_update timestamp
city
city_id integer
city character varying(50)
country_id integer
country
country_id integer
country character varying(50)
event
event_id integer
title text
event_date date
event_time time
org_id integer
description text

Heroku

DATA

Datastores > postgresql-rectangular-14472

SERVICE heroku-postgresql PLAN hobby-dev BILLING APP charity-hub-dev

Overview Durability Settings Dataclips

HEALTH

Available

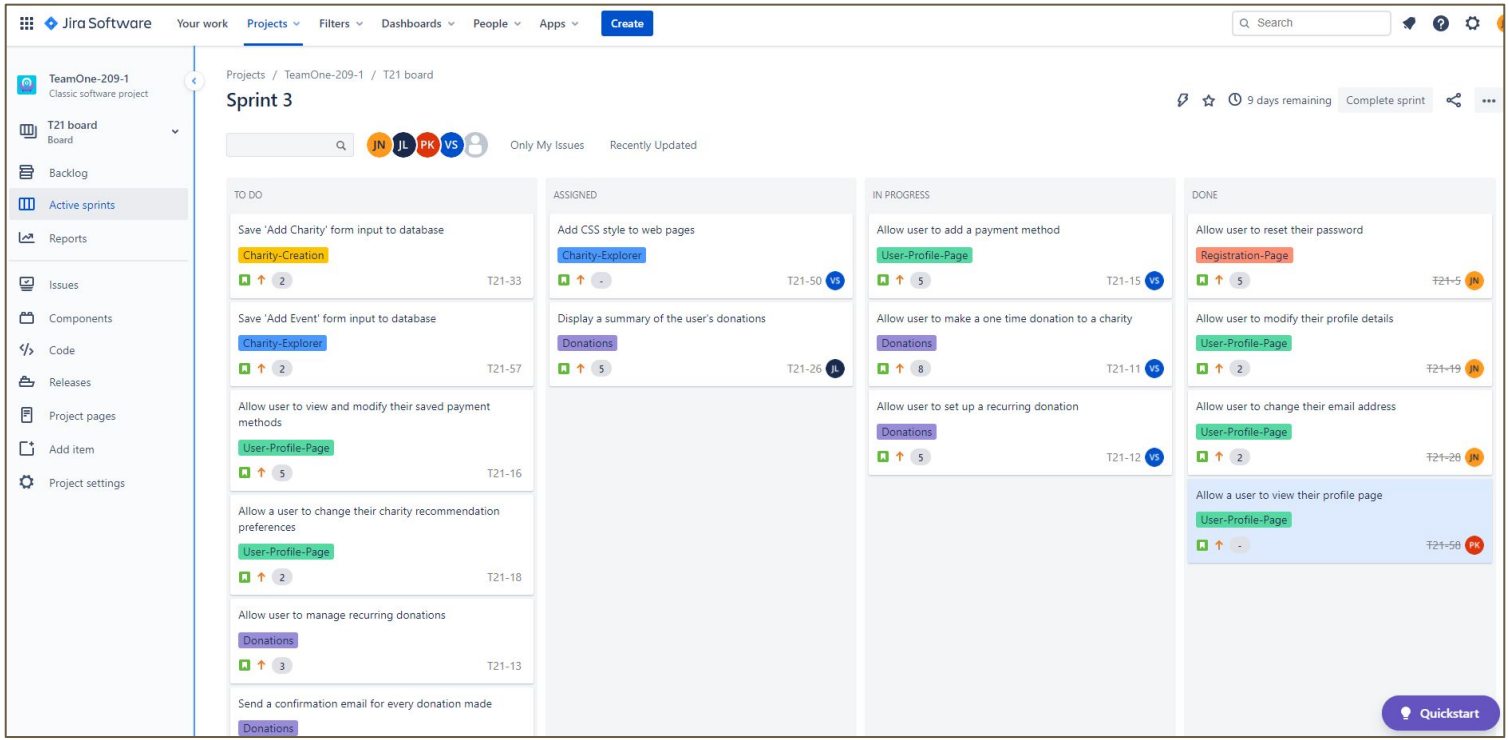
PRIMARY Yes VERSION 12.4 CREATED 23 days ago MAINTENANCE Unsupported ROLLBACK Unsupported

UTILIZATION

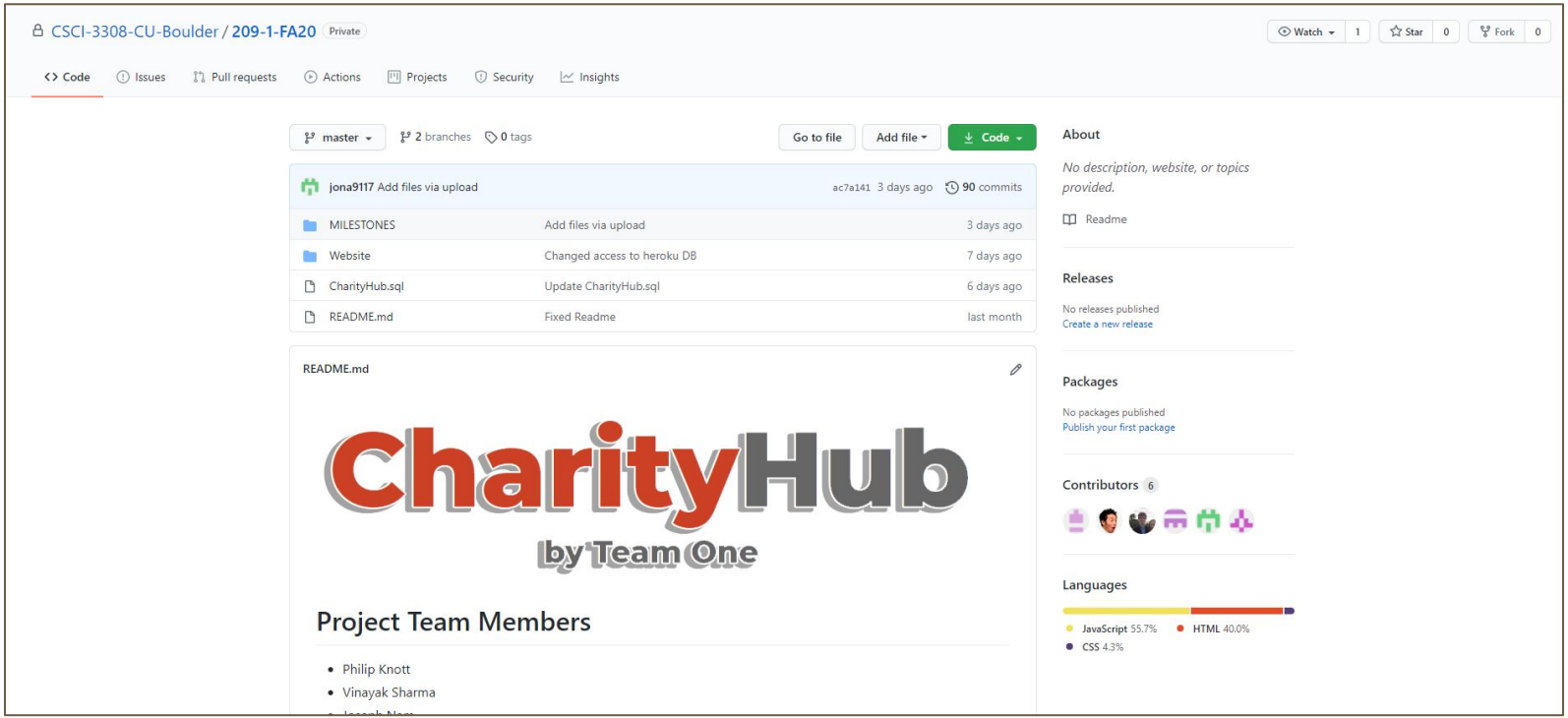
15 of 20	2,988 of 10,000	9.0 MB	8
CONNECTIONS	ROWS IN COMPLIANCE	DATA SIZE	TABLES

Jira Kanban Board

Jira Software



GitHub Repository



Questions?