

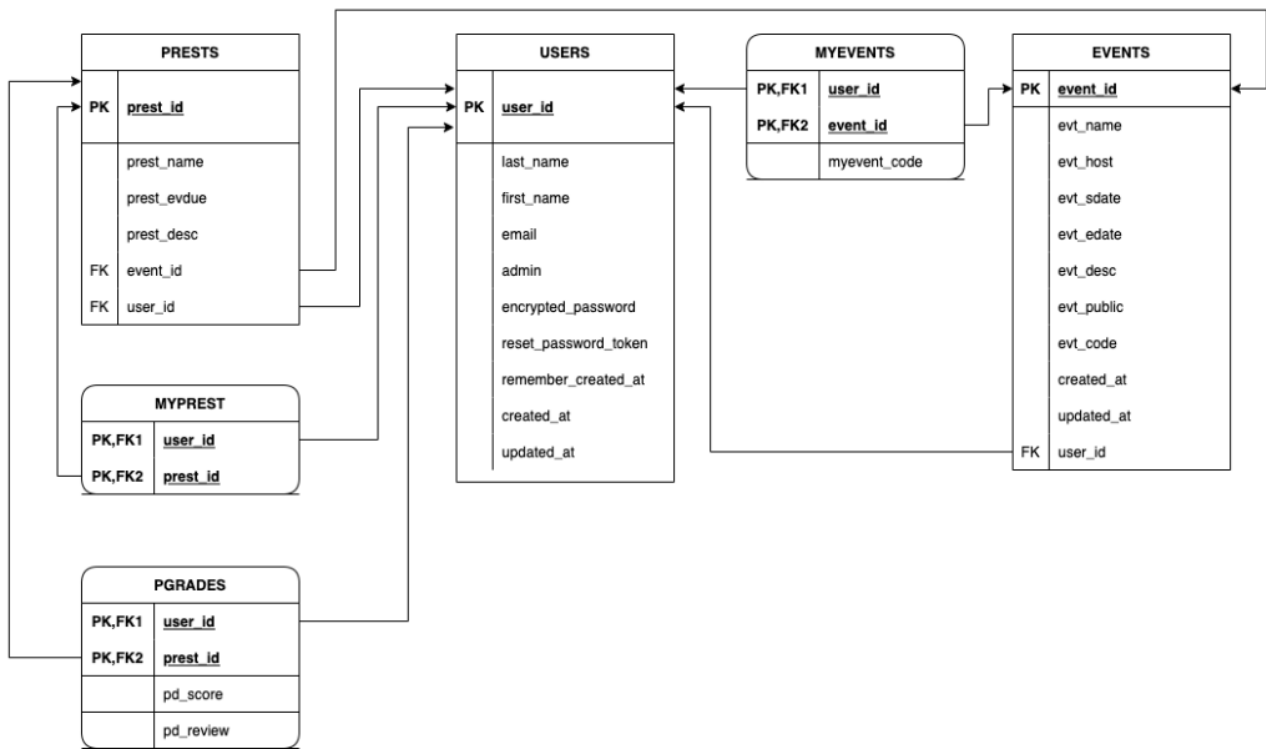
DEV DOC

ezAEP is a CRUD-based(Create-Read-Update-Destroy) web application running on the rails platform.

Database

DB Schema

EZAEP SYS DB



Designed by Nicholas Shen – Unniitec. Team 2021

DB design

Users Table

database design: user_table relationship

- a user(admin) could create many events
- a user(audience) could attend many events

Users Table

- a user(id) is shared/linked to all relationship tables

Events Table

database design: events_table relationship

- an event belongs to an admin
- an event has many presentations
- an event has many enrolled records
- an event has many enrolled audience/speakers

Presentations Table

database design: prest_table relationship

- a presentation belongs to an event
- a presentation has many speakers (through relationship table myprests)
- a presentation has many audiences (to review) (through relationship table pgrades)

database design: myevents_table relationship

(My enrolled events, as an audience)

- a myevent record(event enrollment table) belongs to(connected between)
an audience and an event

My Presentations Table (Speaker - Presentations)

database design: myprest_table relationship

- a myprest record(presentations enrollment table) belongs to(connected between)
a speaker and a presentation

Presentation Grades Table
(Audience - Presentation)

database design: pgrade_table relationship

- an pgrade record(presentation grades table) belongs to(connected between)
an audience and a presentation

Architecture

Major Directories/Components

```
ezAEP/  
├─ app/  
│   ├── controllers/  
│   │   ├── application_controller.rb  
│   │   ├── events_controller.rb  
│   │   ├── home_controller.rb  
│   │   ├── myevents_controller.rb  
│   │   └── myprests_controller.rb
```

```
| | | pgrades_controller.rb
| | | prests_controller.rb
| | | models/
| | | event.rb
| | | prest.rb
| | | myevent.rb
| | | myprest.rb
| | | pgrade.rb
| | | user.rb
| | | views/
| | | ALL SUB FORDERS AND FILES
| | README
| | LICENSE
| | db/
| | migrate/
| | schema.rb
| | sqlite (development)
| | postgresql (production)
| | test/
| | controllers/
| | | events_controller_test.rb
| | | ..._controller_test
| | system/ (drive by selenium)
| | | test.rb
| | | all.rb
```

Ruby on Rails

app/controllers

HTML

app/views

CSS

Implemented with Bootstrap - in app/views

JS

Not applicable

Test Case

Controller_Test

ruby -I test test/all.rb

System_Comprehensive_Test(Driven by Selenium)

ruby -I test test/system/test.rb

Demo

Admin/Host/Instructor:

Rudy Clarke – clarke@h.com

Aiden Burke – burke@h.com

Audience/Speaker/Student:

Will Hunter – hunter@a.com

Reed Nixon – nixon@a.com

Ryan Bell – bell@a.com

Kit Fox – fox@a.com

Password

111111

Beyond

Account

Dashboard

Courses

Groups

Calendar

Inbox

History

Help

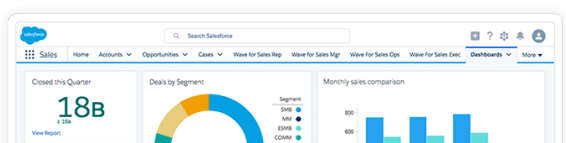
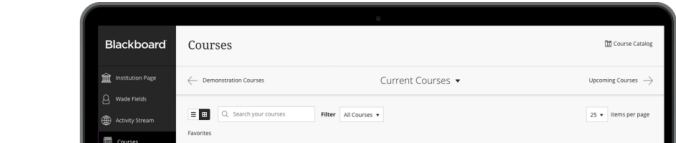
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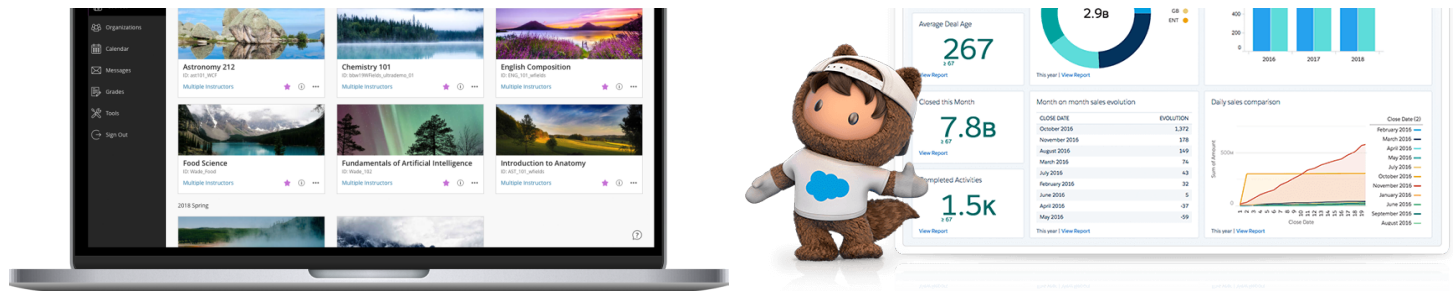
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2021-11-05	2021-12-08	xhqixvae	Show





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