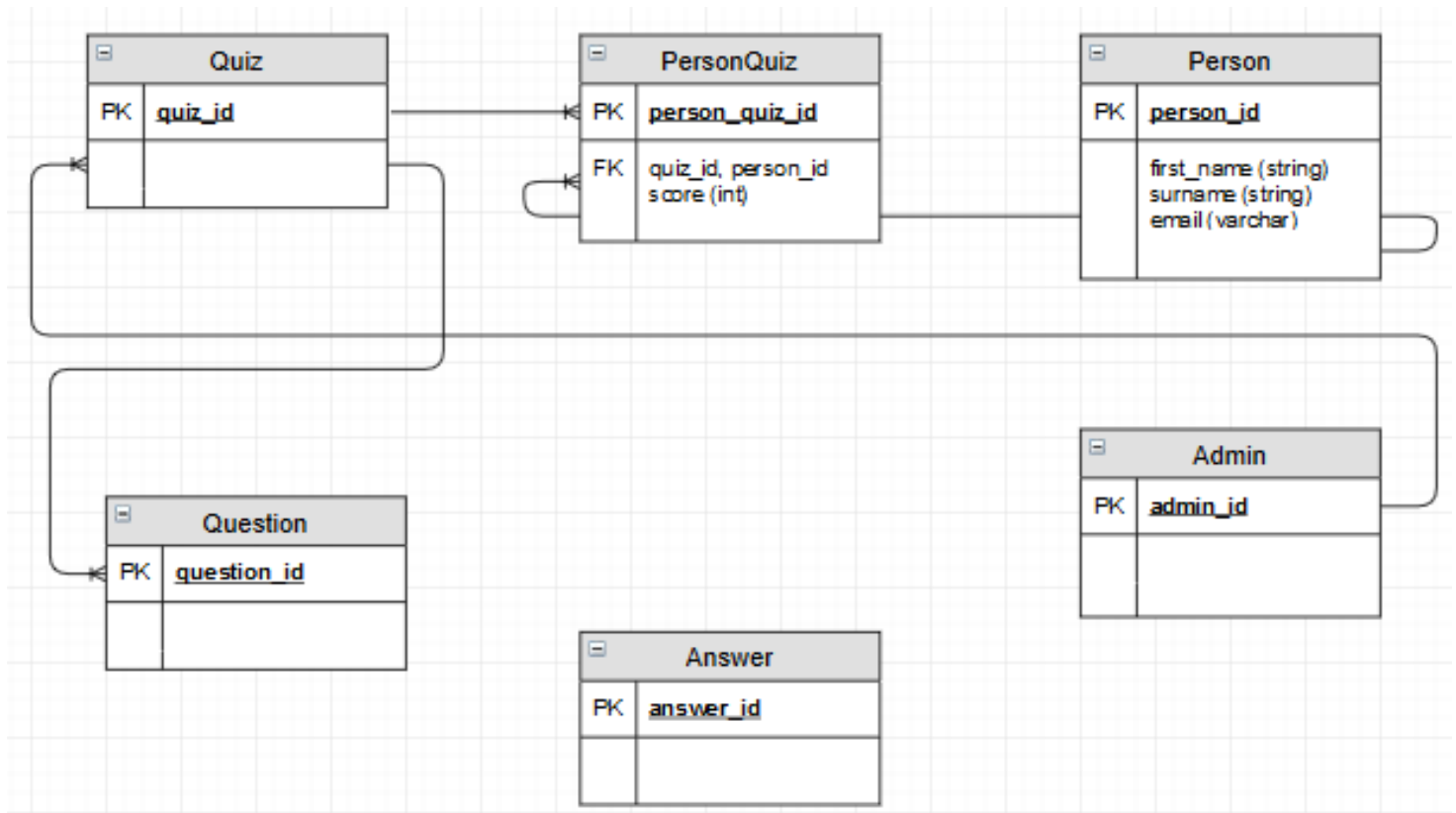


Created a ruby Quiz file:

A simple quiz run using console

1.5 hours **CHECK** app\models\run_quiz.rb

- Reading and understanding requirements 20 mins
- Take notes and creating rough ERD 30 mins
- Create ERD 20 mins



- Created a project in Visual Studio Code
 - index.html (Basic labels and buttons) 30 mins **CHECK index.html**
 - CSS file to add styles
 - Javascript files (MVC structure) **CHECK quiz.js files**
 - Quiz Model
 - Quiz Controller

Can use any programming.

Decided to use Ruby with Rails framework

Ruby -v ruby 2.5.1p57

Rails -v Rails 5.2.3

bundle install

An error occurred while installing nokogiri (1.10.4), and Bundler cannot continue.

Make sure that `gem install nokogiri -v '1.10.4' --source 'https://rubygems.org/'` succeeds before bundling.

Did: `sudo apt-get install build-essential patch ruby-dev zlib1g-dev liblzma-dev`

Then `bundle install` 1 hour to fix the issue

Rails s

Database

Gemfile:

`gem 'mysql2'`

MySQL Workbench:

New database

Created migrations, models and controller **CHECK app/controllers , models, db/migrate**

Added data to MySQL Workbench database 2 hours

MySQL Workbench

Local instance MySQL80 x

File Edit View Query Database Server Tools Scripting Help

Navigator:

SCHEMAS

Filter objects

morning_britain

Tables

answers

Columns

- id
- question_id
- answer_text
- created_at
- updated_at

Indexes

Foreign Keys

Triggers

ar_internal_metadata

people

questions

quizes

Administration Schemas

Information:

Schema: morning_britain

Object Info Session

Query 1 questions answers people quizes x

Limit to 1000 rows

1 • `SELECT * FROM morning_britain.quizes;`

Result Grid

	id	question_id	created_at	updated_at
	NULL	2	NULL	NULL
	1	2	NULL	NULL
	1	2	NULL	NULL
	1	2	NULL	NULL
	1	3	NULL	NULL
	1	3	NULL	NULL
	1	3	NULL	NULL
	1	3	NULL	NULL
	1	4	NULL	NULL
	1	4	NULL	NULL
	1	4	NULL	NULL

quizes 1 x

Output:

