Chapter 01: Introducing the Rust Language

No Images…

Chapter 02: Building Our First Rocket Web Application

No Images…

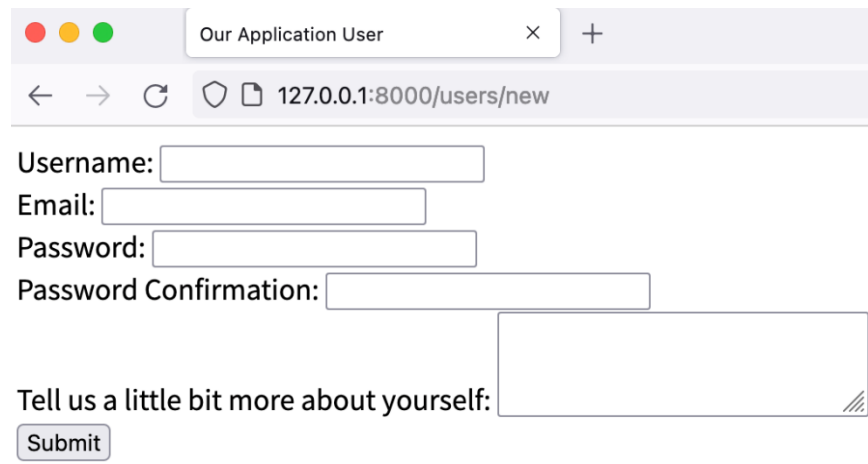# Chapter 03: Rocket Requests and Responses

No Images…

Chapter 04: Building, Igniting, and Launching Rocket

No Images…

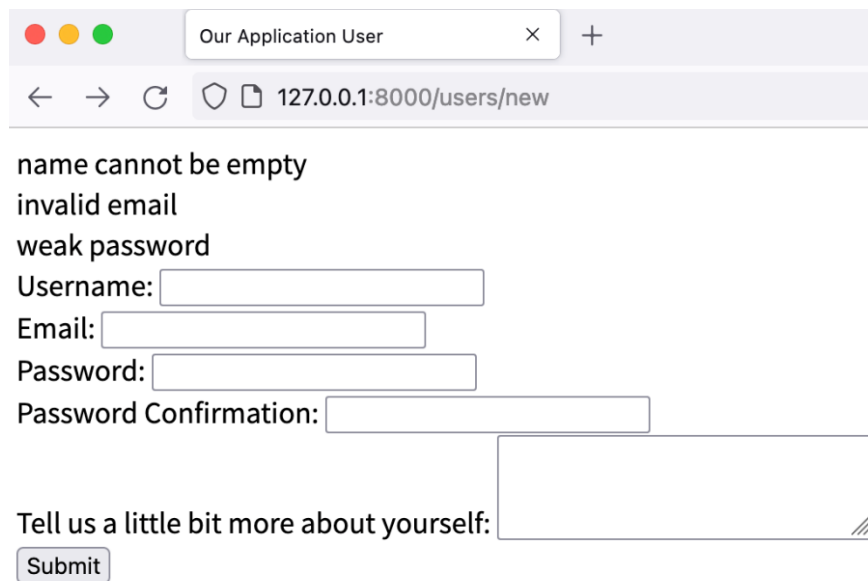# Chapter 05: Designing a User-Generated Application

No Images…

Chapter 06: Implementing User CRUD

Our Application User

127.0.0.1:8000/users/new

Username:

Email:

Password:

Password Confirmation:

Tell us a little bit more about yourself:

Submit

Our Application User

127.0.0.1:8000/users/new

name cannot be empty

invalid email

weak password

Username:

Email:

Password:

Password Confirmation:

Tell us a little bit more about yourself:

Submit
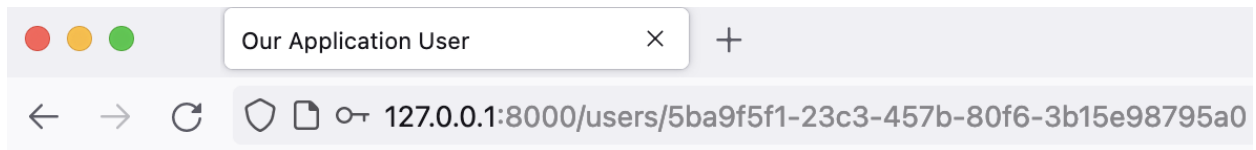
Successfully created user
UUID: 5ba9f5f1-23c3-457b-80f6-3b15e98795a0
Username: karuna123
Email: karuna123@example.com
Description: try injecting script
Status: Inactive
Created At: 2021-11-06T15:08:53.892897+00:00
Updated At: 2021-11-06T15:08:53.892897+00:00
[Edit User](#)
[User List](#)

Chapter 07: Handling Errors in Rust and Rocket

No Images…

Chapter 08: Serving Static Assets and Templates

UUID: 99444770-3a9e-4600-a0f3-c30f06a3d387
Username: karuna
Email: karuna@example.com
Description:
Status: Inactive
Created At: 2021-11-20T05:09:44.552621Z
Updated At: 2021-11-20T05:09:44.552621Z

Edit User   Delete   User List

Chapter 09: Displaying Users' Post

```
post_type|content
---------+------------------------------------------------------------
        0|Lorem ipsum dolor sit amet, consectetur adipiscing elit.
        1|/assets/443822918_97d2ae0e60.jpg
        2|/assets/clock.mp4
```

1

0:00 / 0:11

See Post

2

Chapter 10: Uploading and Processing Posts

127.0.0.1:8000/users/7afe1e1e-bce1-408a-accc-441681c04c9b/posts

2

Lorem ipsum dolor sit amet, quo ex nullam posidonium consectetuer. Ne falli fabulas vim, justo fabulas mel in. Eos oratio blandit ut. Ne singulis maiestatis omittantur pro, agam soluta vel in, eos cu case illud accusam. At pro habeo minim praesent, tempor option an quo, ex suas tempor corrumpit eam. Primis graeci fastidii his an. Cu nec aperiri splendide, pri eu malis eripuit. His ei quidam aliquip, qui an alterum convenire. Vidit delenit et eos. Vel te sumo sint, sed ei graecis disputationi, sit et elit mutat maiestatis. Fugit albucius at sit. Te has alia congue.

See Post

3

تعداد بخطوط حين ان, ودول الأول يكن عل. هو يبق الوراء النزاع والمانيا, ان مكن جسيمة المزيفة. بل قررت أعمال حيث. كلا كل أخرى المضي. فرنسا العمليات شيء أي, ٢٠٠٤ شرسة وانهاء كل قام, ان جُل جدول لإعادة. به، ثم يعبأ الحرق, تم أما نهاية بأضرار التحالف. غير تم فرنسا الحيلولة. ثم كان وبعد وسوء. وبعد بريطانيا, هو لها, عل لها, عل حتى الذود باستخدام, من الوراء وقدّموا الا. إحكام أوروبا لم فقد.

See Post

4

Лорем ипсум долор сит амет, дуо ех веритус волуптатум, еи солум ессент пер, дуо ут солута интегре реформиданс. Фацер адиписци индоцтум ет усу. Ин меа модо мунди. Меис антиопам мел еи, иллум фалли яуо ат. Фабулас фастидии салутатус ех сит. Сплендиде интеллегам яуо ат, дуо перицула алияуандо персецути ет, дуо ад модус муциус индоцтум. Еррем интегре импедит про те. Усу ет вирис алияуандо пхилосопхиа. Солум репримияуе не про.
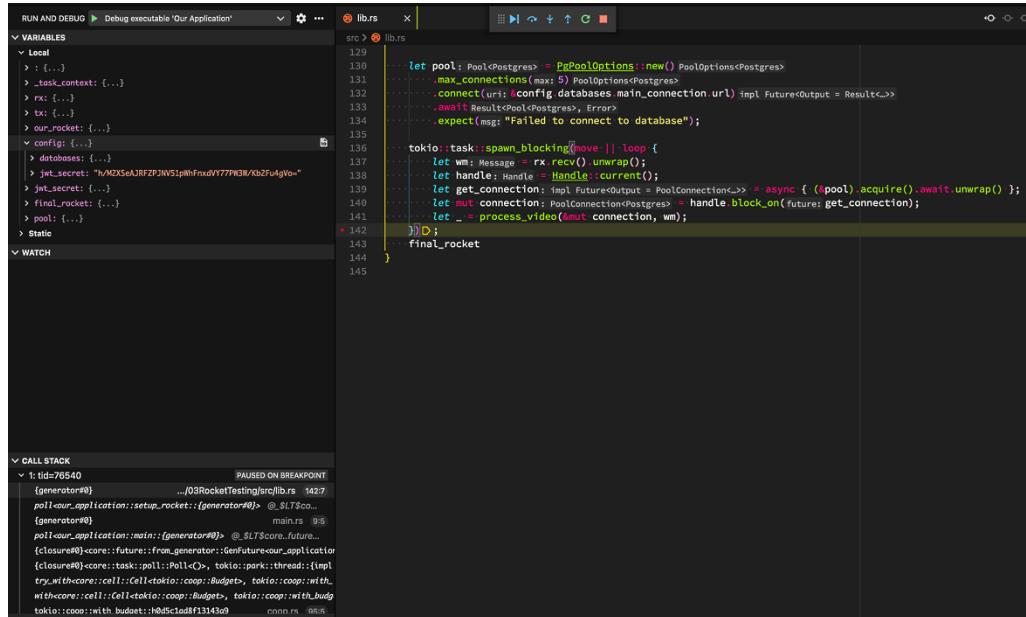
See Post

5

長久命の長助、グーリンダイのポンポコピーのポンポコナーの。長久命の長助。やぶら小路の藪柑子、海砂利水魚の、水行末 雲来末 風来末。五劫の擦り切れ、シューリンガンのグーリンダイ。寿限無、寿限無。長久命の長助、寿限無、寿限無、パイポパイポ パイポの シューリンガン、やぶら小路の藪柑子。グーリンダイのポンポコピーのポンポコナーの。海砂利水魚の。やぶら小路の藪柑子。シューリ ンガンのグーリンダイ、五劫の擦り切れ。食う寝る処に住む処。パイポパイポ パイポのシューリンガン、五劫の擦り切れ。

See Post

1

0:00 / 0:11

See Post

2

Lorem ipsum dolor sit amet, quo ex nullam posidonium consectetuer. Ne falli fabulas vim, justo fabulas mel in. Eos oratio blandit ut. Ne singulis maiestatis omittantur pro, agam soluta vel in, eos cu case illud accusam. At pro habeo minim praesent, tempor option an quo, ex suas tempor corrumpit eam. Primis graeci fastidii his an. Cu nec aperiri splendide, pri eu malis eripuit. His ei quidam aliquip, qui an alterum convenire. Vidit delenit et eos. Vel te sumo sint, sed ei graecis disputationi, sit et elit mutat maiestatis. Fugit albucius at sit. Te has alia congue.

See Post

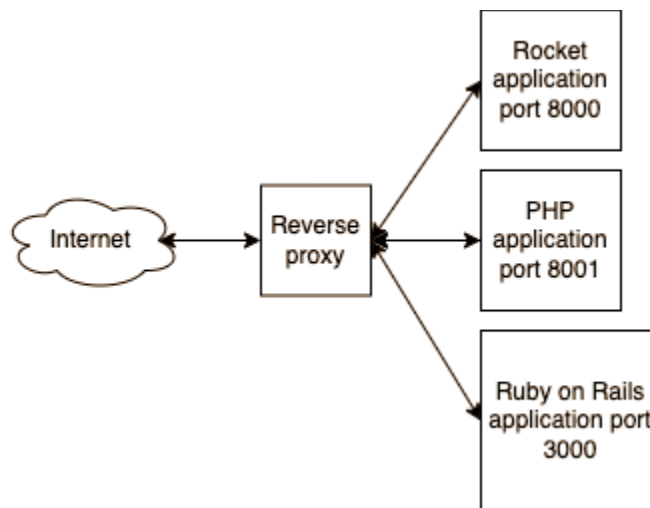**3**

Chapter 11: Securing and Adding an API and JSON

No Images…

Chapter 12: Testing Your Application

Chapter 13: Launching a Rocket Application

```
[[2022-04-16][20:16:30.044]] [INFO][rocket::launch_] [(get_post) GET /users/<user_uuid>/posts/<uuid> text/html]
[[2022-04-16][20:16:30.044]] [INFO][rocket::launch_] [(delete_post) POST /users/<user_uuid>/posts/delete/<uuid> application/x-www-form-urlencoded]
[[2022-04-16][20:16:30.044]] [INFO][rocket::launch_] [(users) GET /api/users application/json]
[[2022-04-16][20:16:30.044]] [INFO][rocket::launch_] [(login) POST /api/login application/json]
[[2022-04-16][20:16:30.044]] [INFO][rocket::launch_] [(authenticated_users) GET /api/protected_users application/json]
[[2022-04-16][20:16:30.044]] [INFO][rocket::launch_] [(FileServer: static) GET /assets/<path..> [10]]
[[2022-04-16][20:16:30.044]] [INFO][rocket::launch_] [📭 Catchers:]
[[2022-04-16][20:16:30.044]] [INFO][rocket::launch_] [(bad_request) 400]
[[2022-04-16][20:16:30.044]] [INFO][rocket::launch_] [(not_found) 404]
[[2022-04-16][20:16:30.045]] [INFO][rocket::launch_] [(unprocessable_entity) 422]
[[2022-04-16][20:16:30.045]] [INFO][rocket::launch_] [(internal_server_error) 500]
[[2022-04-16][20:16:30.045]] [INFO][rocket::launch_] [🥾 Fairings:]
[[2022-04-16][20:16:30.045]] [INFO][rocket::launch_] [Shield (liftoff, response, singleton)]
[[2022-04-16][20:16:30.045]] [INFO][rocket::launch_] [Templating (ignite, liftoff)]
[[2022-04-16][20:16:30.045]] [INFO][rocket::launch_] [CSRF Fairing (ignite, request)]
[[2022-04-16][20:16:30.045]] [INFO][rocket::launch_] ['main_connection' Database Pool (ignite)]
[[2022-04-16][20:16:30.046]] [INFO][rocket::shield::shield] [🛡 Shield:]
[[2022-04-16][20:16:30.046]] [INFO][_] [Permissions-Policy: interest-cohort=()]
[[2022-04-16][20:16:30.046]] [INFO][_] [X-Content-Type-Options: nosniff]
[[2022-04-16][20:16:30.046]] [INFO][_] [X-Frame-Options: SAMEORIGIN]
[[2022-04-16][20:16:30.046]] [INFO][rocket_dyn_templates::fairing] [📐 Templating:]
[[2022-04-16][20:16:30.046]] [INFO][_] [directory: src/views]
[[2022-04-16][20:16:30.046]] [INFO][_] [engines: ["tera"]]
[[2022-04-16][20:16:30.046]] [INFO][rocket::launch] [🚀 Rocket has launched from http://0.0.0.0:8000]
```

Chapter 14: Building a Full Stack Application
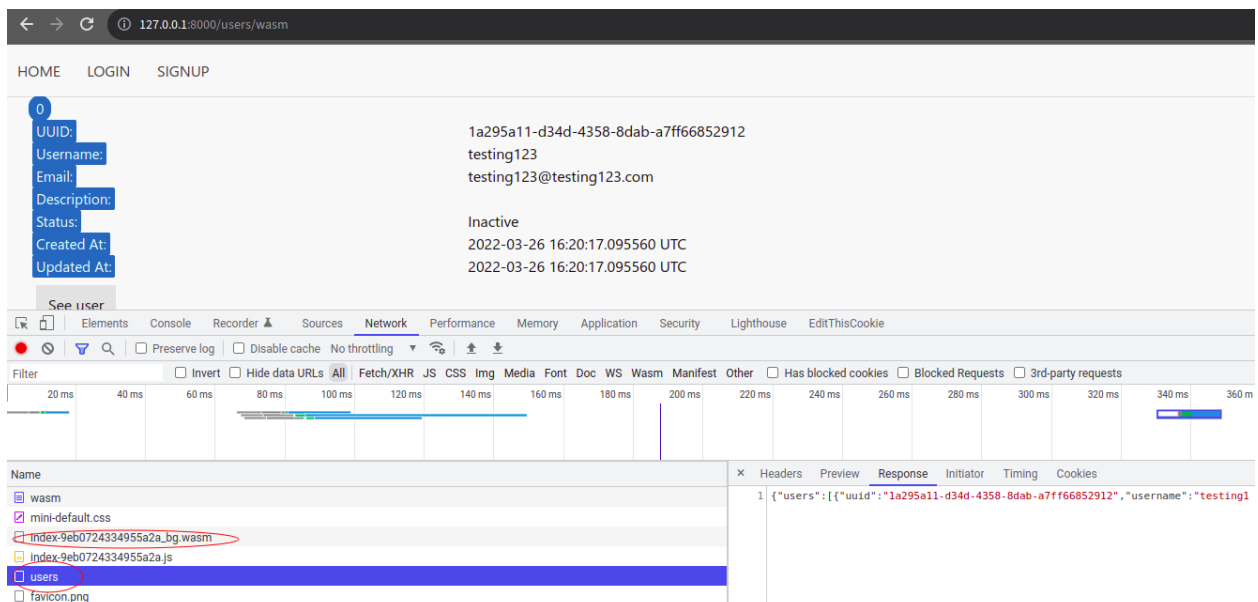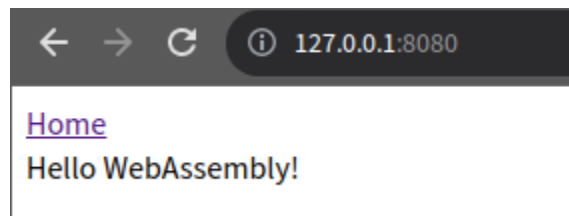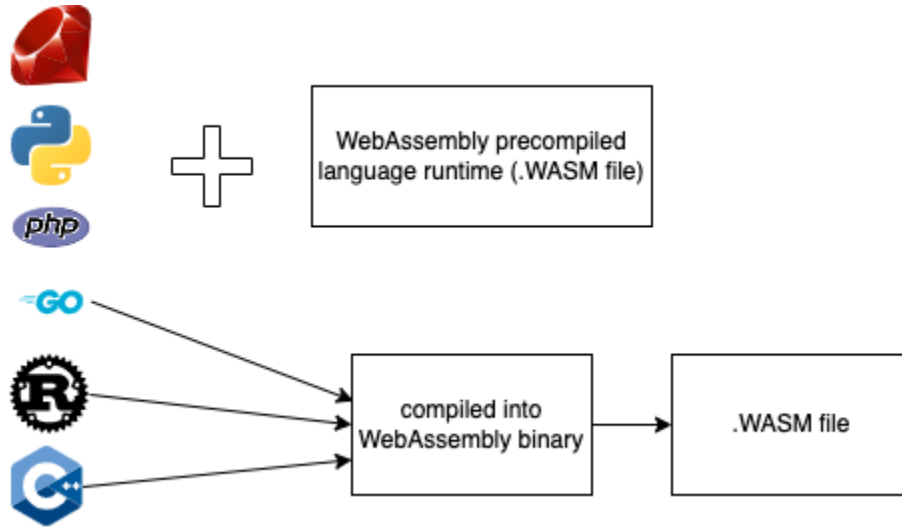
Chapter 15: Improving the Rocket Application

Diagram 1

Internet ↔ Load balancer

Load balancer → Static files server

Load balancer ↔ Rocket server (×3) ↔ Database

Diagram 2

Internet ↔ CDN ↔ Load balancer

CDN → Static files server

Load balancer ↔ Rocket server (×3) ↔ Database

Diagram 3

Internet ↔ CDN ↔ Load balancer

CDN → Static files server

Load balancer ↔ Rocket server (×3) ↔ Cache cluster (Cache ×3) and Database cluster (Database ×3)

Cashe cluster

Database cluster