

Design Document for Review System

SkillBridge

Job matching platform for Chula users

Prepared for

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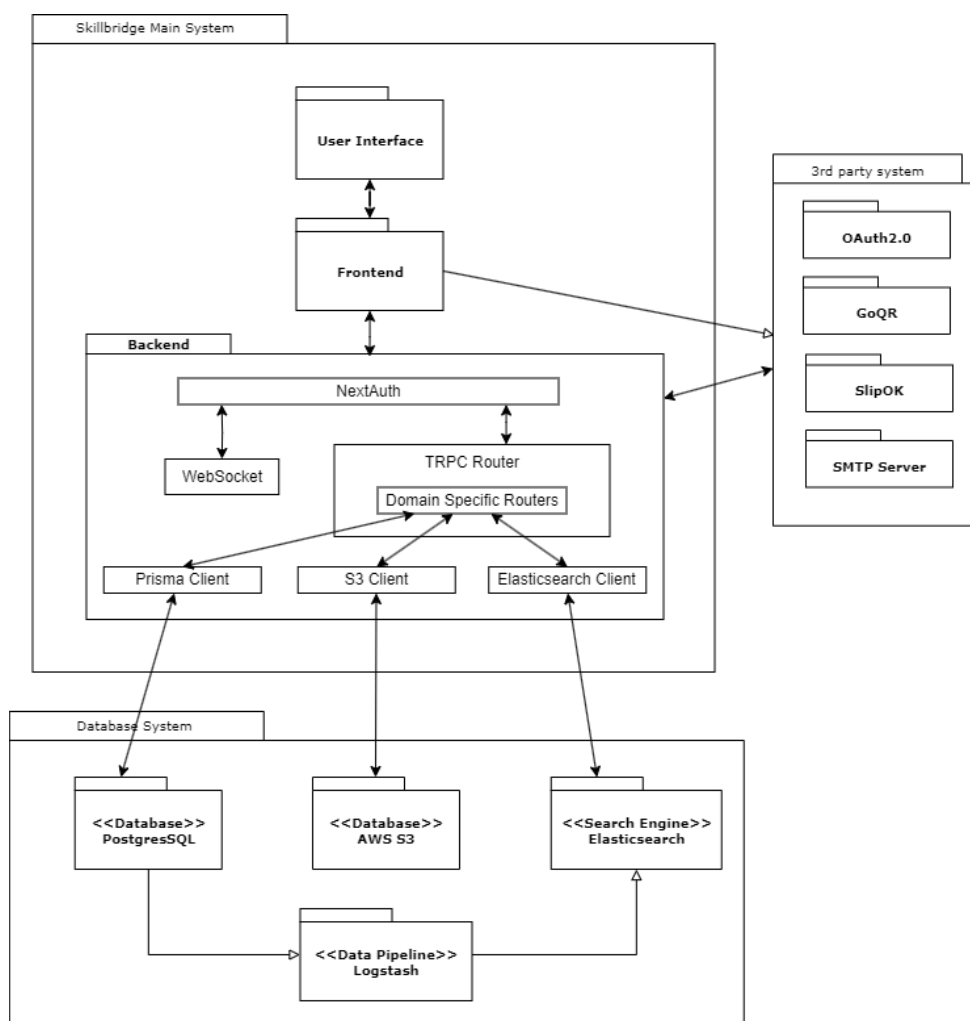
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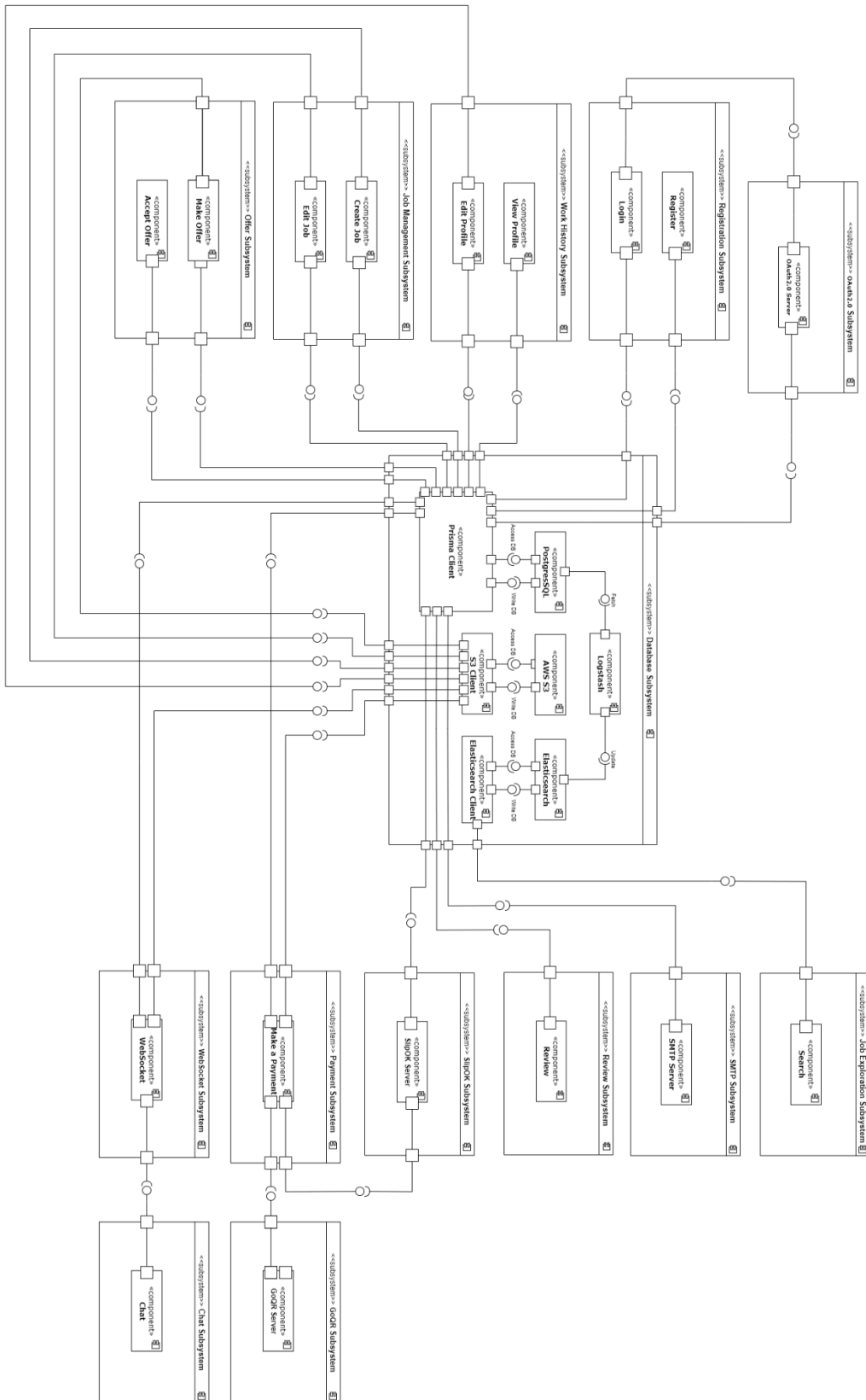
Review System Overview

Skillbridge, a Chula student freelance platform, can benefit from a review system. After a completed session, the employer would be prompted to leave feedback on the student's communication, reliability, and work quality. Reviews with ratings would be displayed on the student's profile to build trust with future employers. This system would also empower the employer to make informed choices and encourage Chula students to improve their services.

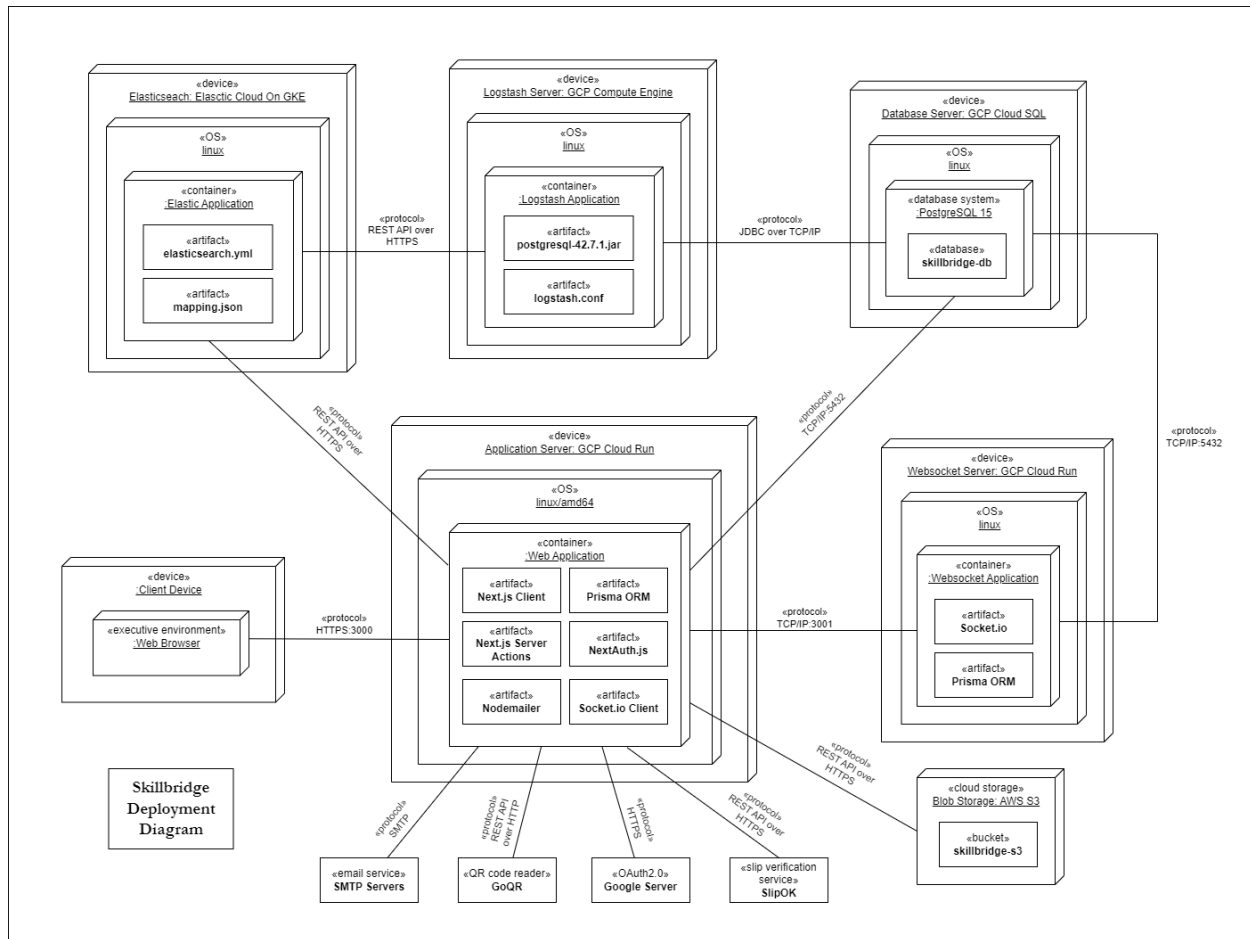
Subsystem Diagram of the whole system



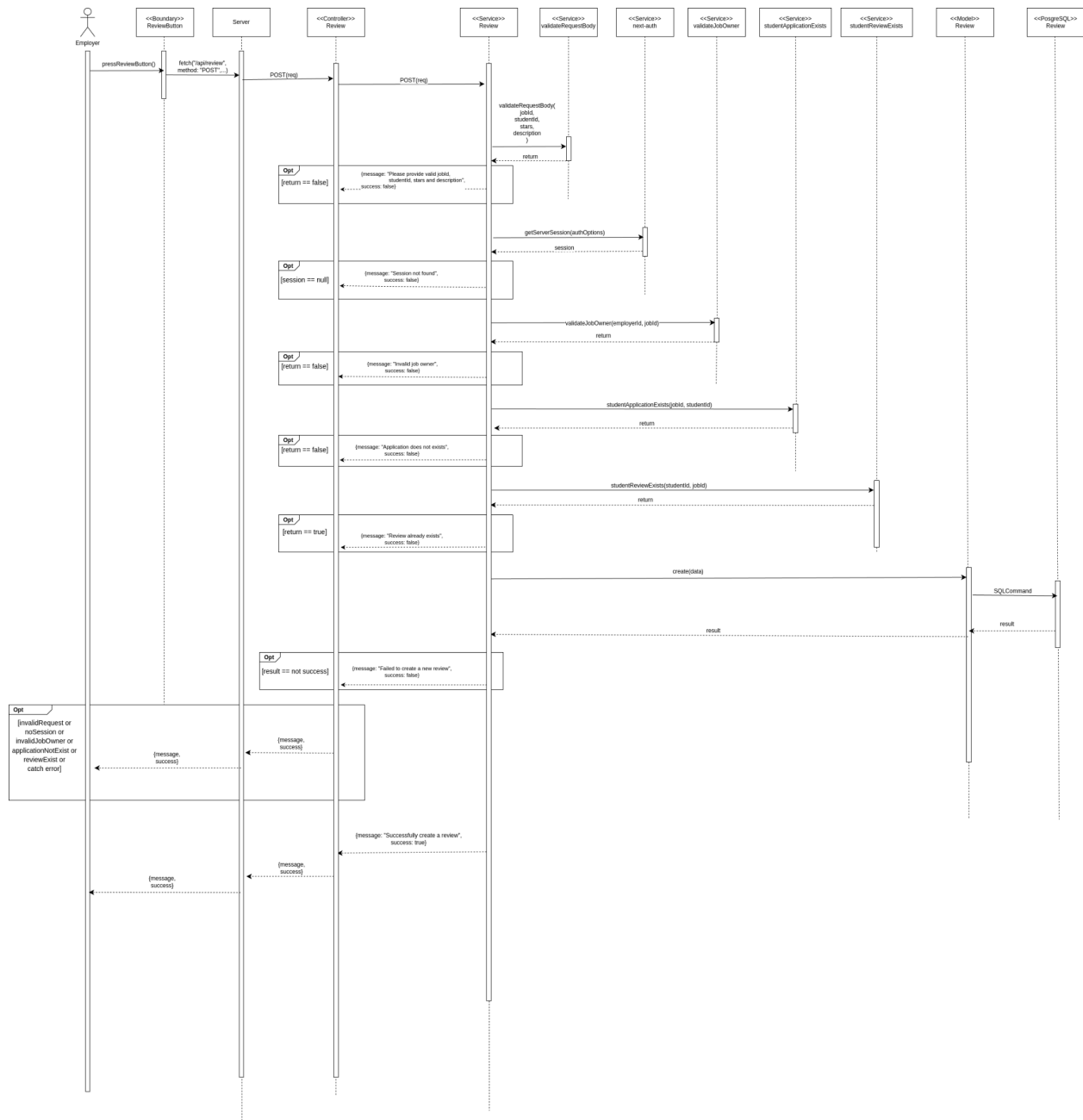
Component Diagram of the whole system



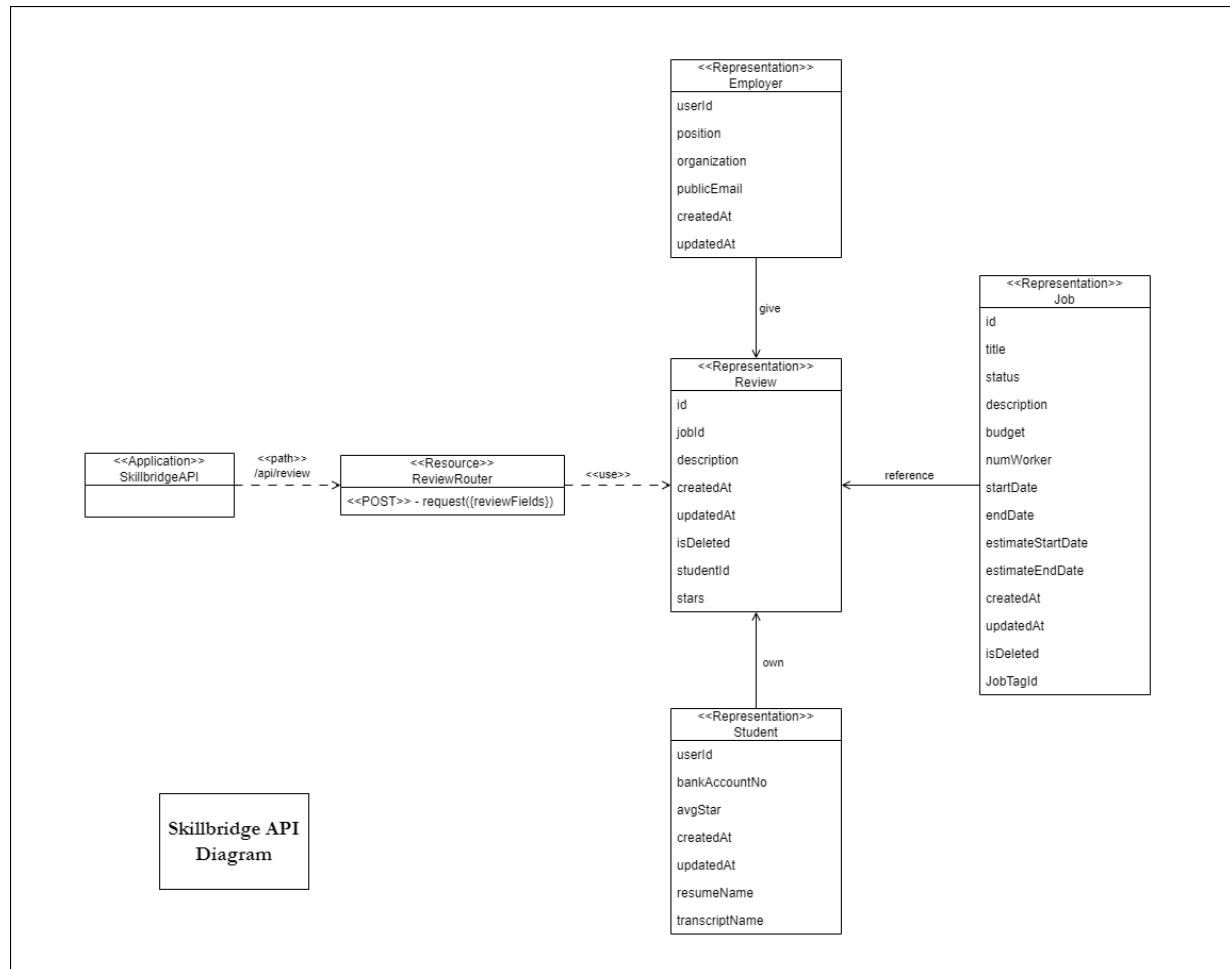
Deployment Diagram of the whole system



Sequence Diagram of Review Use Case



API Diagram of Review Use Case



Access Control Table

Name	Description	Not Logged In	Logged In			
		Guest	Any employer	Any student	Profile owner	Job owner
getProfileImage	Fetch the user's profile image	X	X	X	X	X
getEmployerJobs	Fetch jobs created by the employer	X	X	X	X	X
getEmployerInfoById	Fetch employer's info	X	X	X	X	X
updateEmployerProfile	Update employer's info and employer's profile image				X	
createReview	Create a review for a student who has already done a job					X

Note: x = accessible

Swagger

Overall

API Doc for Skillbridge Application 1.0 OAS 3.0

default

POST /api/review create a new review

Schemas

Schemas

Schemas

```
Review {
  jobId*      string
  studentId*  string
  stars*      integer
  description* string
}

example: OrderedMap { "jobId": "2f1e0cc5-925a-4866-bdb4-612f1cb53145", "studentId": "78bcc173-719d-4391-afb7-a5dca6d993a2", "stars": 5, "description": "Really Good!" }
```

POST /api/review - request

default

POST /api/review create a new review

Parameters

Cancel

Reset

No parameters

Request body required

application/json

```
{
  "jobId": "49080e44-33f7-450a-bb63-9ffabdf82060",
  "studentId": "cc82947d-c078-45b2-b800-734942029979",
  "stars": 5,
  "description": "Really Good!"
}
```

Execute

Clear

POST /api/review - response

Responses

Curl

```
curl -X 'POST' \
  'http://localhost:3000/api/review' \
  -H 'accept: */*' \
  -H 'Content-Type: application/json' \
  -d '{
    "jobId": "49080e44-33f7-450a-bb63-9ffabdf82060",
    "studentId": "cc82947d-c078-45b2-b800-734942029979",
    "stars": 5,
    "description": "Really Good!"
  }'
```

Request URL

```
http://localhost:3000/api/review
```

Server response

Code	Details
201	<div><div>Response body</div><div><pre>{ "success": true, "message": "Successfully create a review" }</pre></div><div><div>Download</div></div></div> <div><div>Response headers</div><div><pre>connection: keep-alive content-type: application/json date: Mon, 08 Apr 2024 13:23:33 GMT keep-alive: timeout=5 transfer-encoding: chunked vary: RSC,Next-Router-State-Tree,Next-Router-Prefetch,Next-Url</pre></div></div>

Responses

Code	Description	Links
201	Successfully create a review	No links
400	Invalid request body.	No links
401	Unauthorized	No links
500	Failed to create a review	No links

Diagram Link

Draw.io:

<https://drive.google.com/file/d/12-lyOa2iXm8HCvt83m6lhiRXFA8SQyuK/view?usp=sharing>