Morgan Stanley

CODE TO GIVE

[hackathon_for_social_good]

TEAM NAME: Digi-Moment

TEAM MEMBERS:

Felicia Chen
Sourav Ganesha
Umang Patel
Yida Li
Rami Rafeh
Thanh Ta
Urvishkumar Kapadiya
Zi Chen Hu

TEAM MENTOR: Younes Amor

Goals

Technical Specs (How it works)

Future Work & Acknowledgments

Goals

- Implement a web-application forum where users can share their ideas and issues within and outside their physical communities.
- Put Digital Moments' message of equality and equity at the forefront of the product.
- Our solution will demonstrate a prototype of these forums that will show the following:
  - Signing up & login
  - Posts created
  - Home page
  - Future work

TECHNICAL SPECS

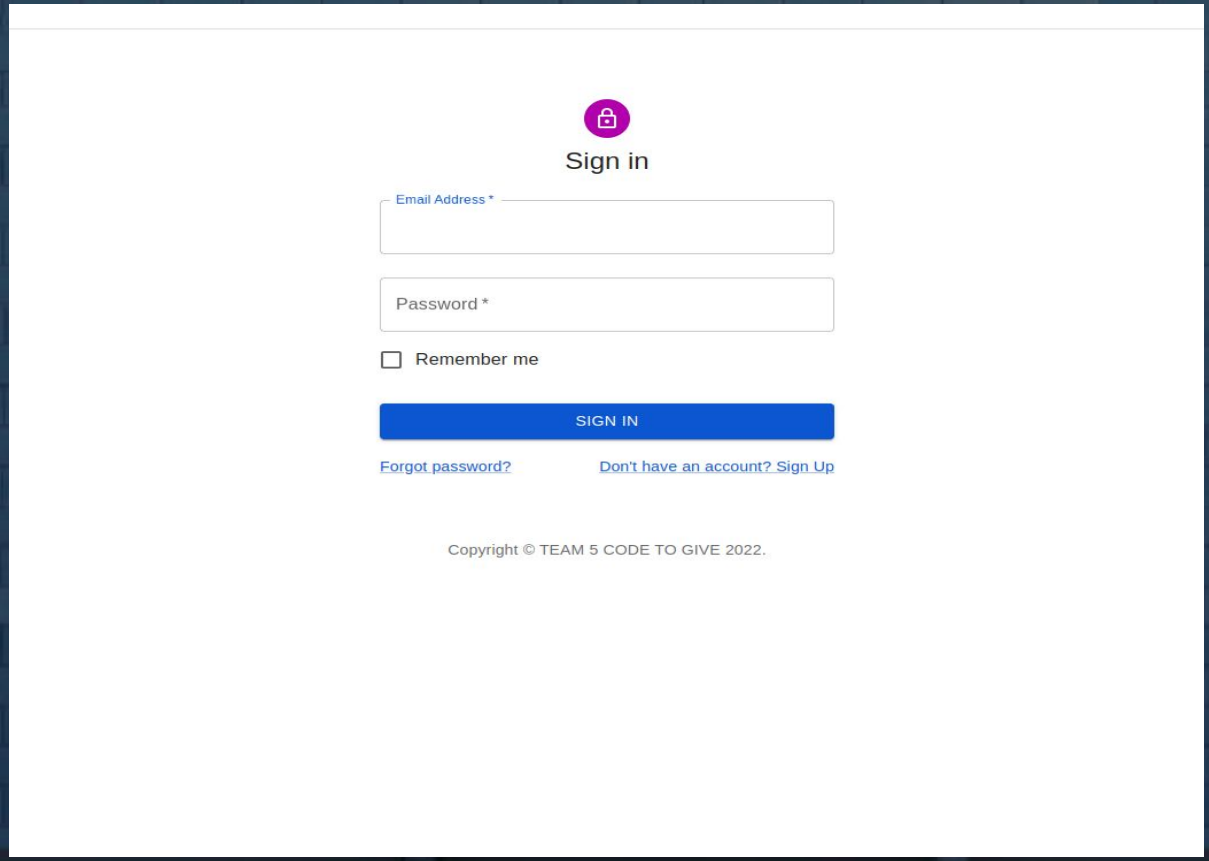
Software Development Cycle: Extreme Programming (Agile)

Tools: Discord, GitHub, Postman, PyCharm, VS Code

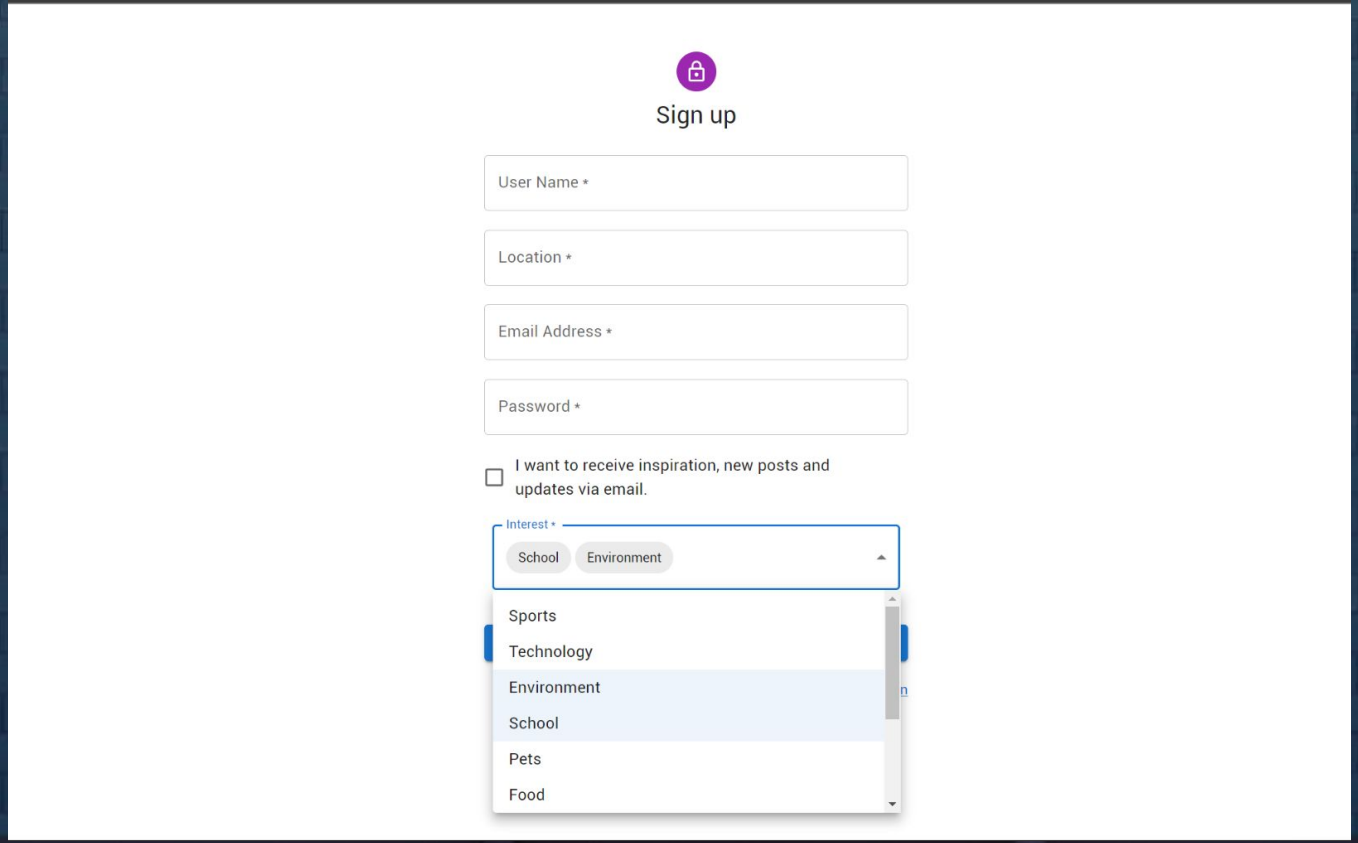
Resources: Open-Sources, Time (96 hours)

Technology: MERN-stack (MongoDB, ExpressJS, React, NodeJS)

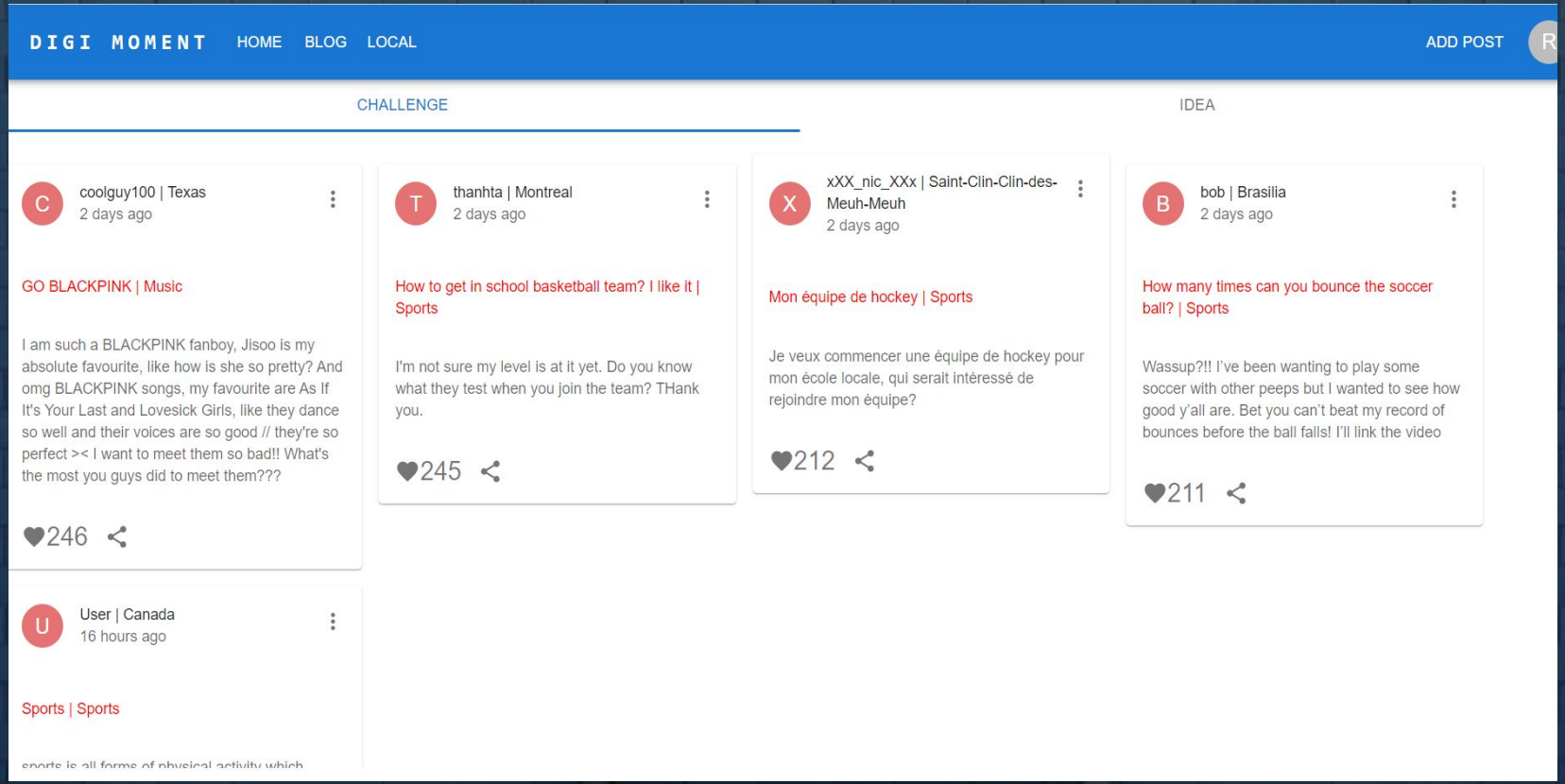
Login Screen

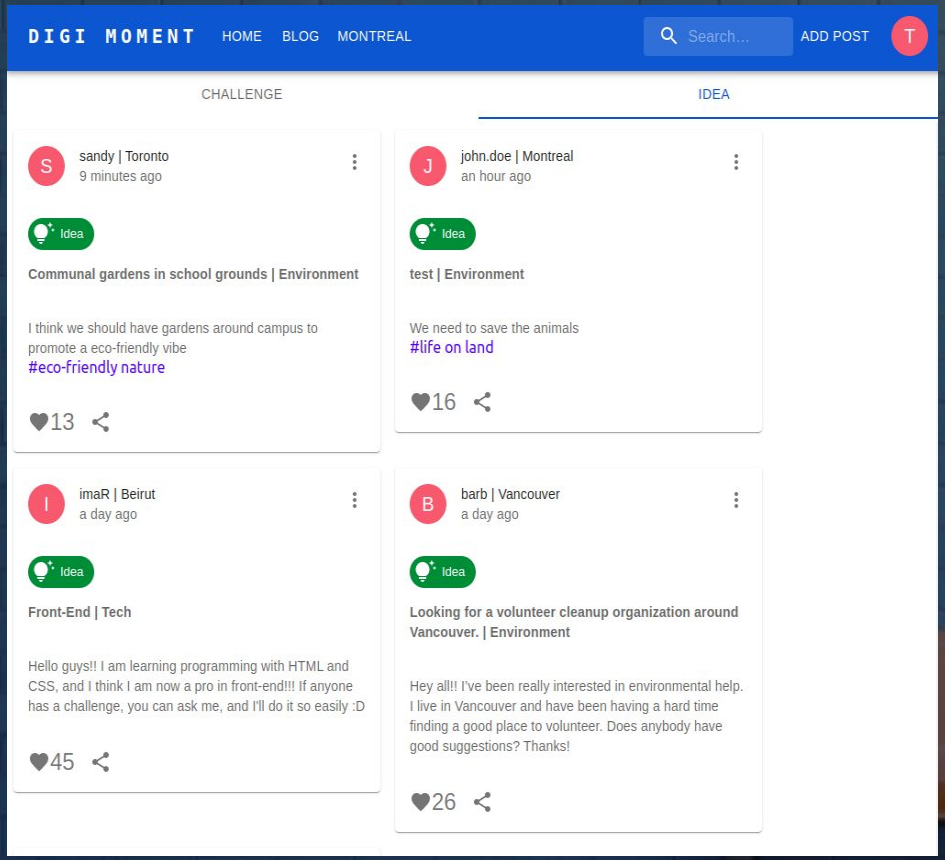


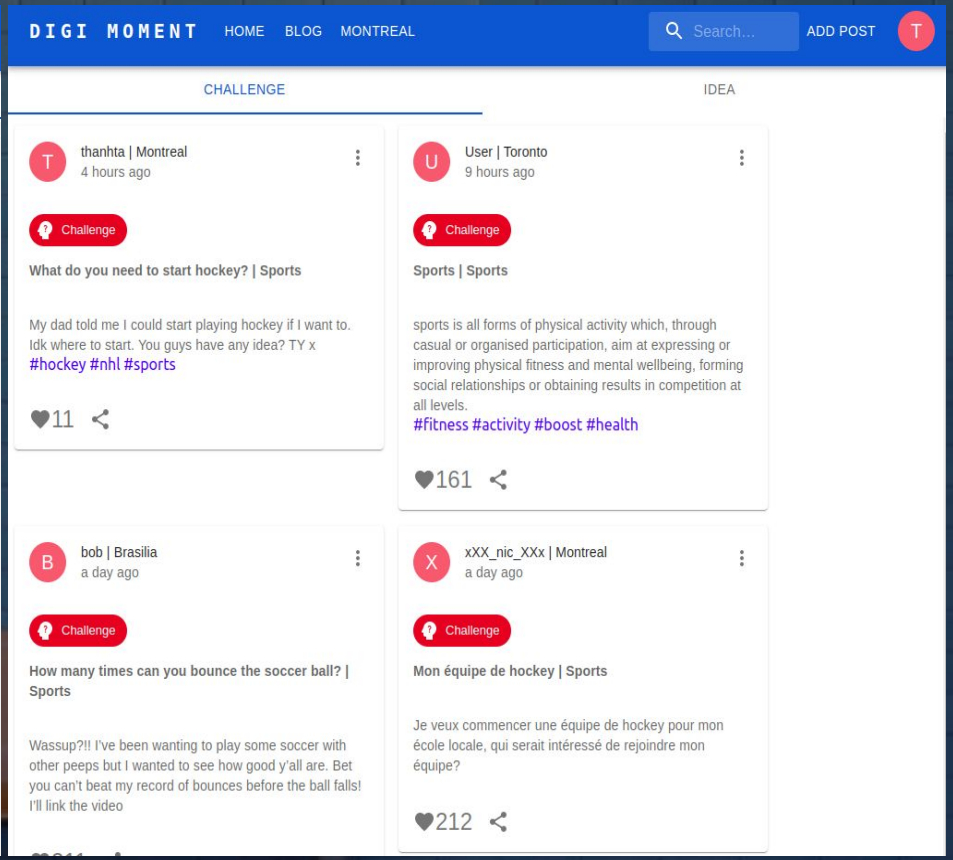
Signup Screen



Home Screen


DIGI MOMENT
HOME
BLOG
LOCAL
ADD POST
R
CHALLENGE
IDEA
C
coolguy100 | Texas
2 days ago
GO BLACKPINK | Music
I am such a BLACKPINK fanboy, Jisoo is my absolute favourite, like how is she so pretty? And omg BLACKPINK songs, my favourite are As If It's Your Last and Lovesick Girls, like they dance so well and their voices are so good // they're so perfect >< I want to meet them so bad!! What's the most you guys did to meet them???
246
T
thanhta | Montreal
2 days ago
How to get in school basketball team? I like it | Sports
I'm not sure my level is at it yet. Do you know what they test when you join the team? THank you.
245
X
xXX_nic_XXx | Saint-Clin-Clin-des-Meuh-Meuh
2 days ago
Mon équipe de hockey | Sports
Je veux commencer une équipe de hockey pour mon école locale, qui serait intéressé de rejoindre mon équipe?
212
B
bob | Brasilia
2 days ago
How many times can you bounce the soccer ball? | Sports
Wassup?!! I've been wanting to play some soccer with other peeps but I wanted to see how good y'all are. Bet you can't beat my record of bounces before the ball falls! I'll link the video
211
U
User | Canada
16 hours ago
Sports | Sports
sports is all forms of physical activity which


DIGI MOMENT
HOME
BLOG
MONTREAL
Search...
ADD POST
T
CHALLENGE
IDEA
S
sandy | Toronto
9 minutes ago
Idea
Communal gardens in school grounds | Environment
I think we should have gardens around campus to promote a eco-friendly vibe
#eco-friendly nature
13
J
john.doe | Montreal
an hour ago
Idea
test | Environment
We need to save the animals
#life on land
16
I
imaR | Beirut
a day ago
Idea
Front-End | Tech
Hello guys!! I am learning programming with HTML and CSS, and I think I am now a pro in front-end!!! If anyone has a challenge, you can ask me, and I'll do it so easily :D
45
B
barb | Vancouver
a day ago
Idea
Looking for a volunteer cleanup organization around Vancouver. | Environment
Hey all!! I've been really interested in environmental help. I live in Vancouver and have been having a hard time finding a good place to volunteer. Does anybody have good suggestions? Thanks!
26


DIGI MOMENT
HOME
BLOG
MONTREAL
Search...
ADD POST
T
CHALLENGE
IDEA
T
thanhta | Montreal
4 hours ago
Challenge
What do you need to start hockey? | Sports
My dad told me I could start playing hockey if I want to. Idk where to start. You guys have any idea? TY x
#hockey #nhl #sports
11
U
User | Toronto
9 hours ago
Challenge
Sports | Sports
sports is all forms of physical activity which, through casual or organised participation, aim at expressing or improving physical fitness and mental wellbeing, forming social relationships or obtaining results in competition at all levels.
#fitness #activity #boost #health
161
B
bob | Brasilia
a day ago
Challenge
How many times can you bounce the soccer ball? | Sports
Wassup?!! I've been wanting to play some soccer with other peeps but I wanted to see how good y'all are. Bet you can't beat my record of bounces before the ball falls! I'll link the video
X
xXX_nic_XXx | Montreal
a day ago
Challenge
Mon équipe de hockey | Sports
Je veux commencer une équipe de hockey pour mon école locale, qui serait intéressé de rejoindre mon équipe?
212

Future Work

- Scaling of server capacity
- Direct messaging
- Report button + mod support

DIGI MOMENT HOME BLOG MONTREAL MAP Search... ADD POST T

CHALLENGE IDEA

T thanhta | Montreal
4 hours ago

Challenge

What do you need to start hockey? | Sports

My dad told me I could start playing hockey if I want to. Idk where to start. You guys have any idea? TY x
#hockey #nhl #sports

♥11

U User | Toronto
9 hours ago

Challenge

Sports | Sports

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improving physical fitness and mental w
social relationships or obtaining results
all levels.
#fitness #activity #boost #health

♥161

B bob | Brasilia
a day ago

Challenge

How many times can you bounce the soccer ball? | Sports

Wassup?!! I've been wanting to play some soccer with other peeps but I wanted to see how good y'all are. Bet you can't beat my record of bounces before the ball falls! I'll link the video

♥211

X xXX_nic_XXx | Montreal
a day ago

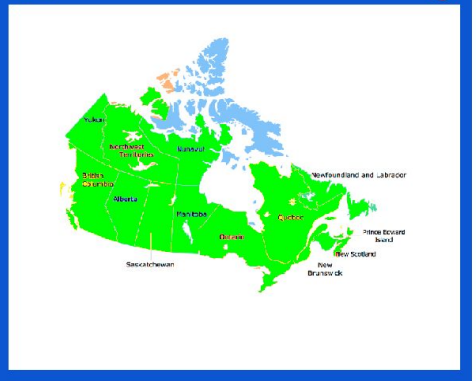
Challenge

Mon équipe de hockey | Sports

Je veux commencer une équipe de hoc
école locale, qui serait intéressé à rejc
équipe?

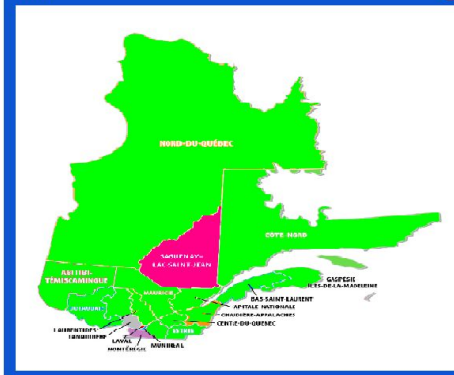
♥212

MAP T



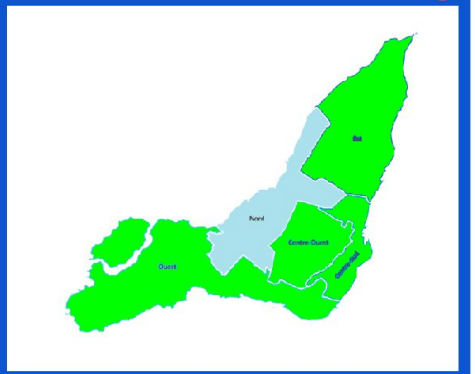
Highlight Provinces

MAP T

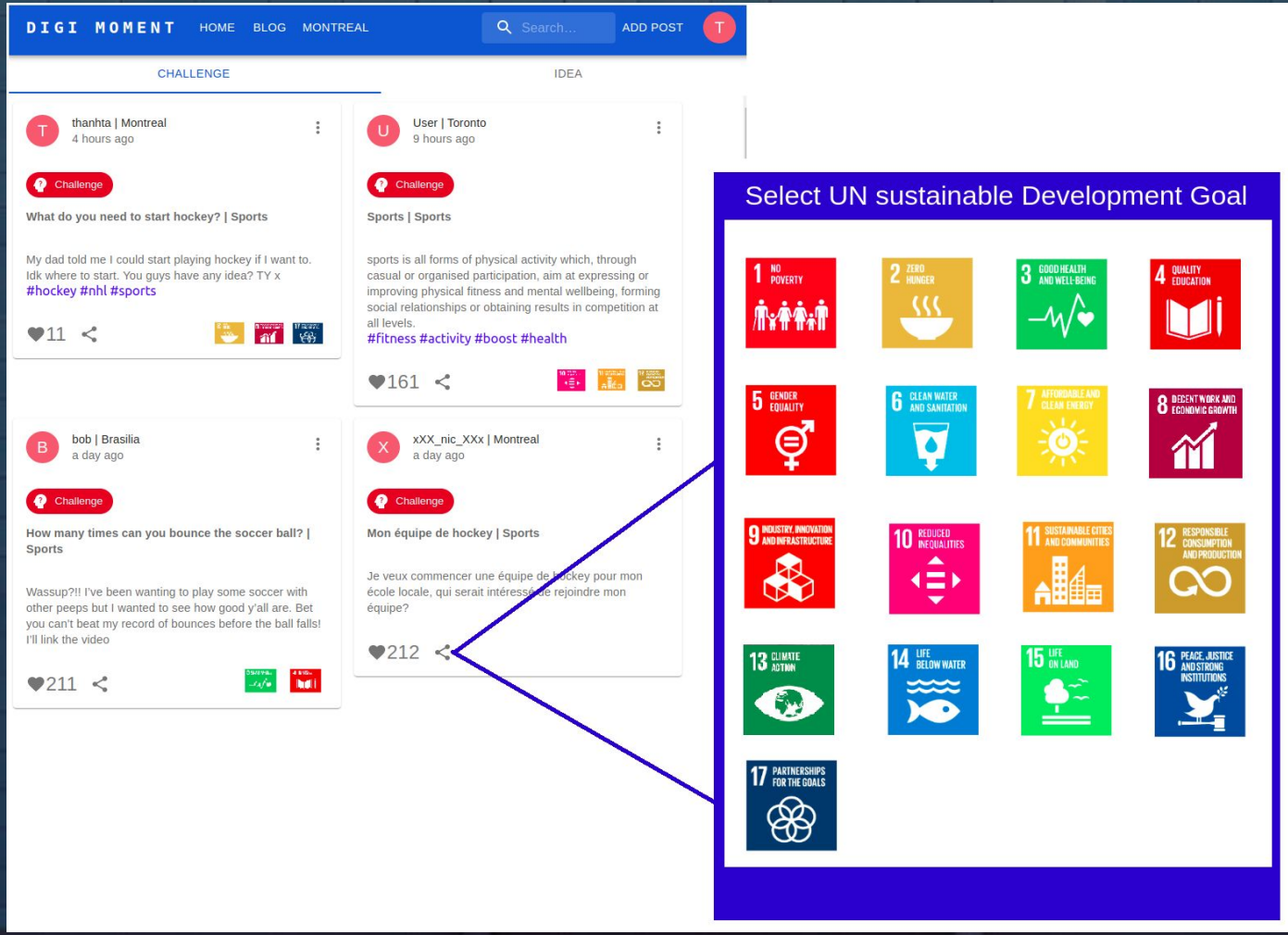


Highlight Cities

MAP T



Highlight Regions


DIGI MOMENT
HOME
BLOG
MONTREAL
Search...
ADD POST
T
CHALLENGE
IDEA
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4 hours ago
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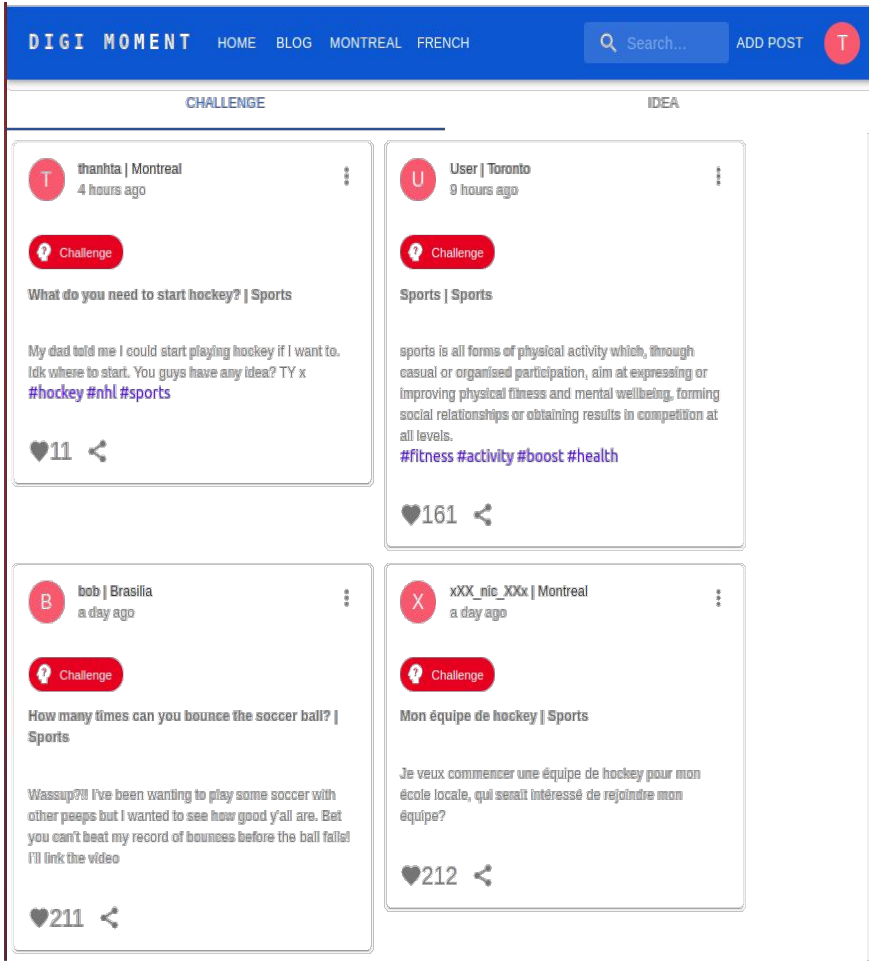
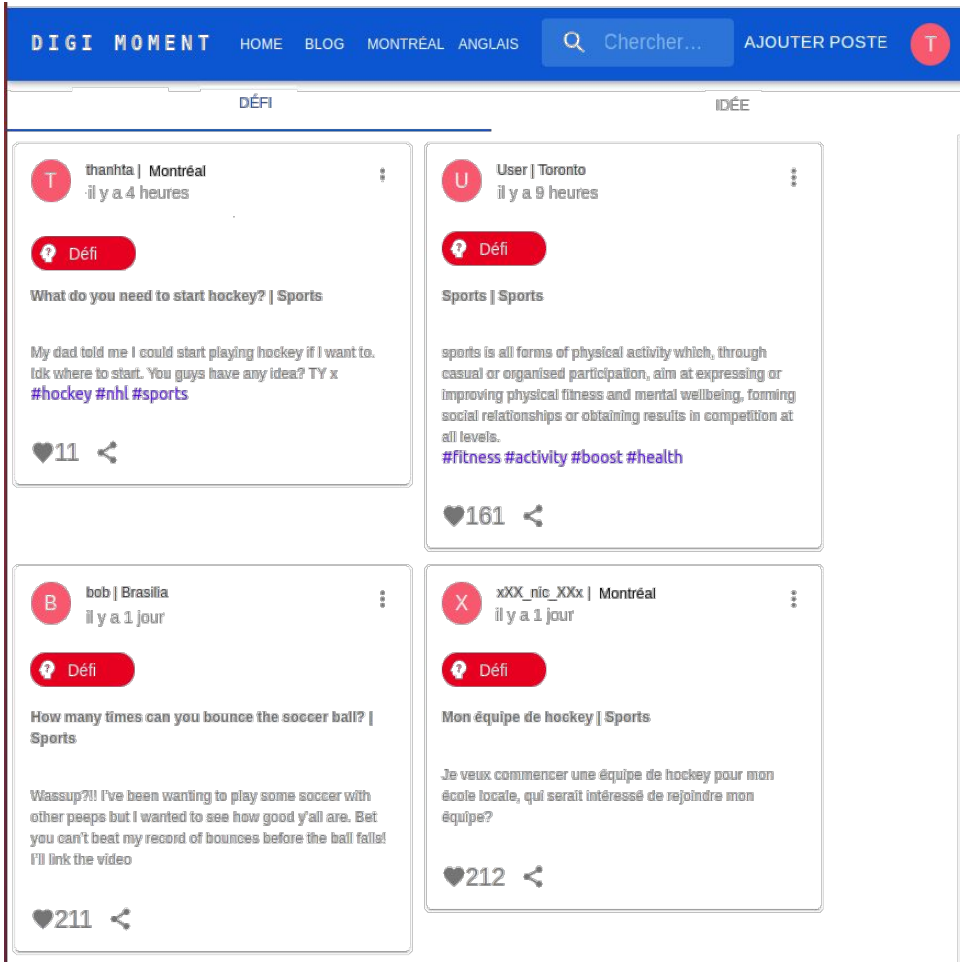
X
xXX_nic_XXx | Montreal
a day ago
Challenge
Mon équipe de hockey | Sports
Je veux commencer une équipe de hockey pour mon école locale, qui serait intéressé de rejoindre mon équipe?
212
Select UN sustainable Development Goal
1 NO POVERTY
2 ZERO HUNGER
3 GOOD HEALTH AND WELL-BEING
4 QUALITY EDUCATION
5 GENDER EQUALITY
6 CLEAN WATER AND SANITATION
7 AFFORDABLE AND CLEAN ENERGY
8 DECENT WORK AND ECONOMIC GROWTH
9 INDUSTRY, INNOVATION AND INFRASTRUCTURE
10 REDUCED INEQUALITIES
11 SUSTAINABLE CITIES AND COMMUNITIES
12 RESPONSIBLE CONSUMPTION AND PRODUCTION
13 CLIMATE ACTION
14 LIFE BELOW WATER
15 LIFE ON LAND
16 PEACE, JUSTICE AND STRONG INSTITUTIONS
17 PARTNERSHIPS FOR THE GOALS

English



French



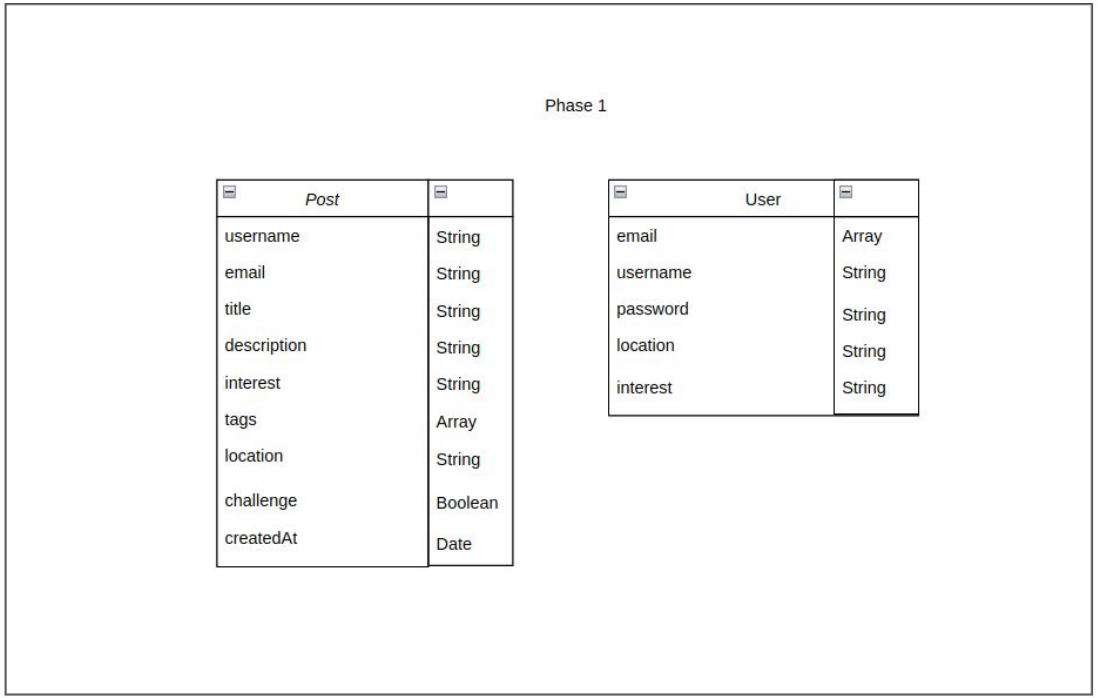
Thank you Digital Moments & Morgan Stanley

digital 2030

Empowering youth to tackle global issues using technology.

Explore

APPENDIX



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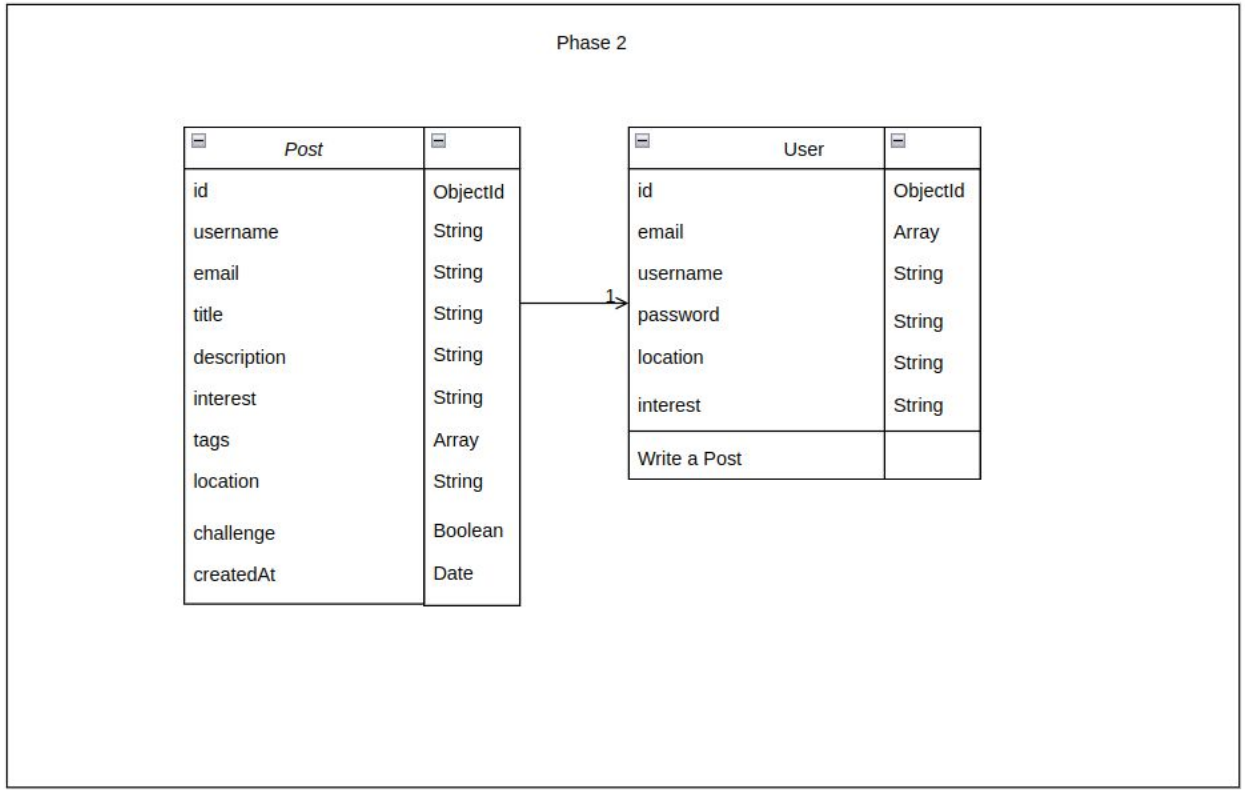
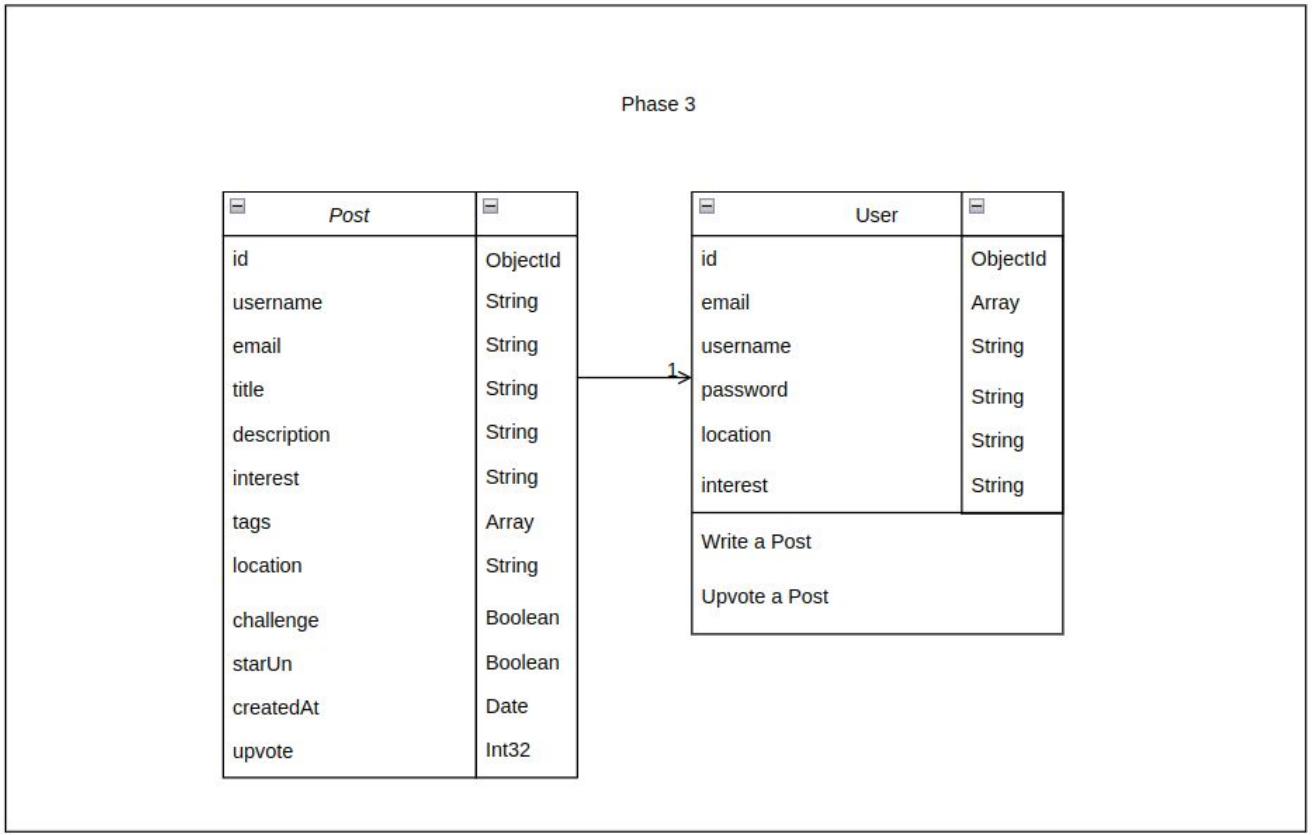
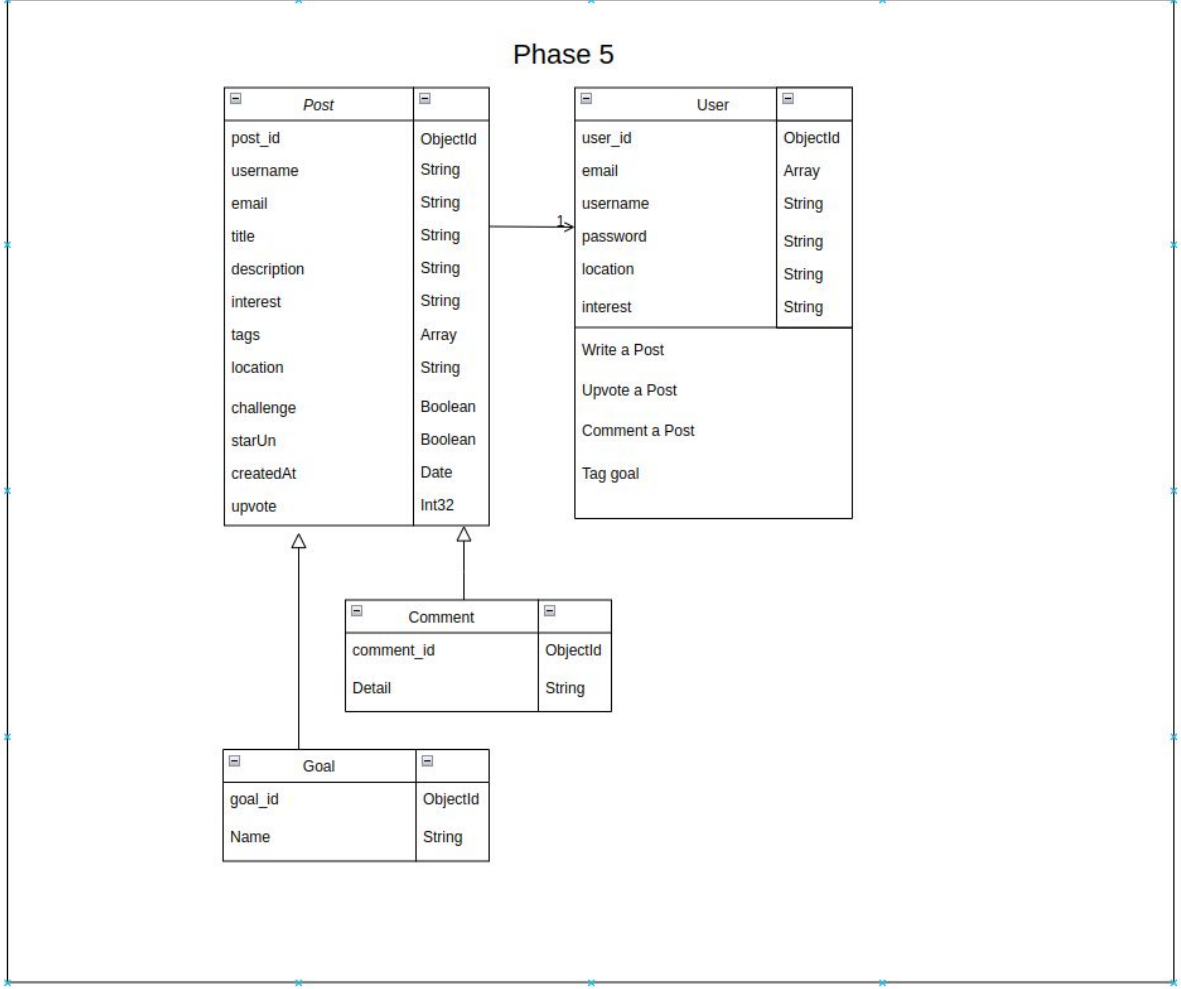
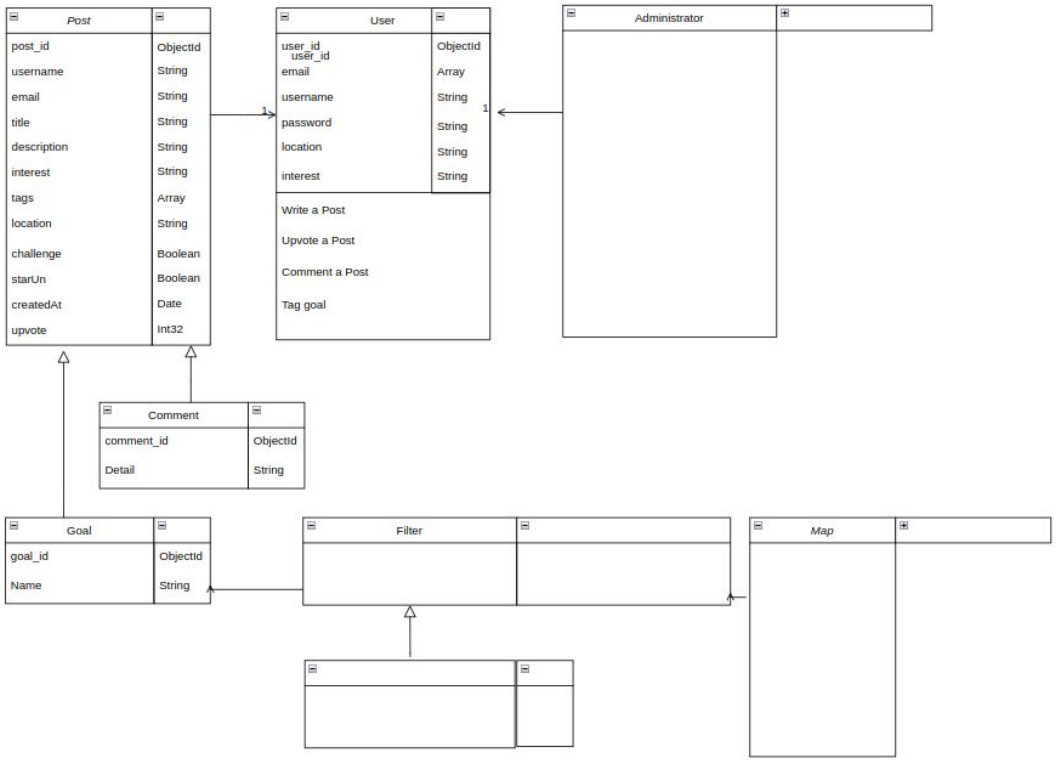
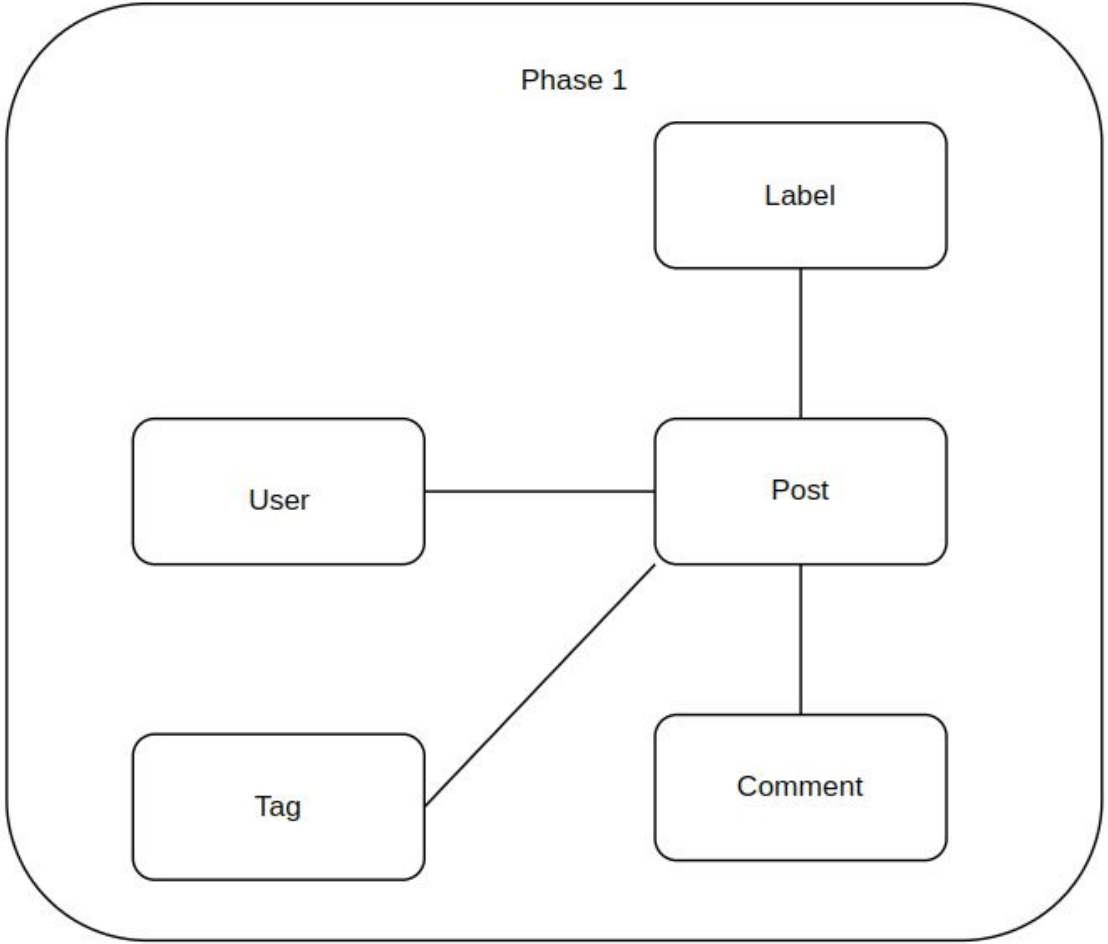

Phase 2
Post
id
username
email
title
description
interest
tags
location
challenge
createdAt
ObjectId
String
String
String
String
String
Array
String
Boolean
Date
1
User
id
email
username
password
location
interest
Write a Post
ObjectId
Array
String
String
String
String


Phase 3
Post
id
username
email
title
description
interest
tags
location
challenge
starUn
createdAt
upvote
ObjectId
String
String
String
String
String
Array
String
Boolean
Boolean
Date
Int32
1
User
id
email
username
password
location
interest
ObjectId
Array
String
String
String
String
Write a Post
Upvote a Post


Phase 5
Post
post_id
ObjectId
username
String
email
String
title
String
description
String
interest
String
tags
Array
location
String
challenge
Boolean
starUn
Boolean
createdAt
Date
upvote
Int32
1
User
user_id
ObjectId
email
Array
username
String
password
String
location
String
interest
String
Write a Post
Upvote a Post
Comment a Post
Tag goal
Comment
comment_id
ObjectId
Detail
String
Goal
goal_id
ObjectId
Name
String

Phase 12


Post
post_id
ObjectId
username
String
email
String
title
String
description
String
interest
String
tags
Array
location
String
challenge
Boolean
starUn
Boolean
createdAt
Date
upvote
Int32
User
user_id
ObjectId
email
Array
username
String
password
String
location
String
interest
String
Write a Post
Upvote a Post
Comment a Post
Tag goal
Administrator
1
1
Comment
comment_id
ObjectId
Detail
String
Goal
goal_id
ObjectId
Name
String
Filter
Map



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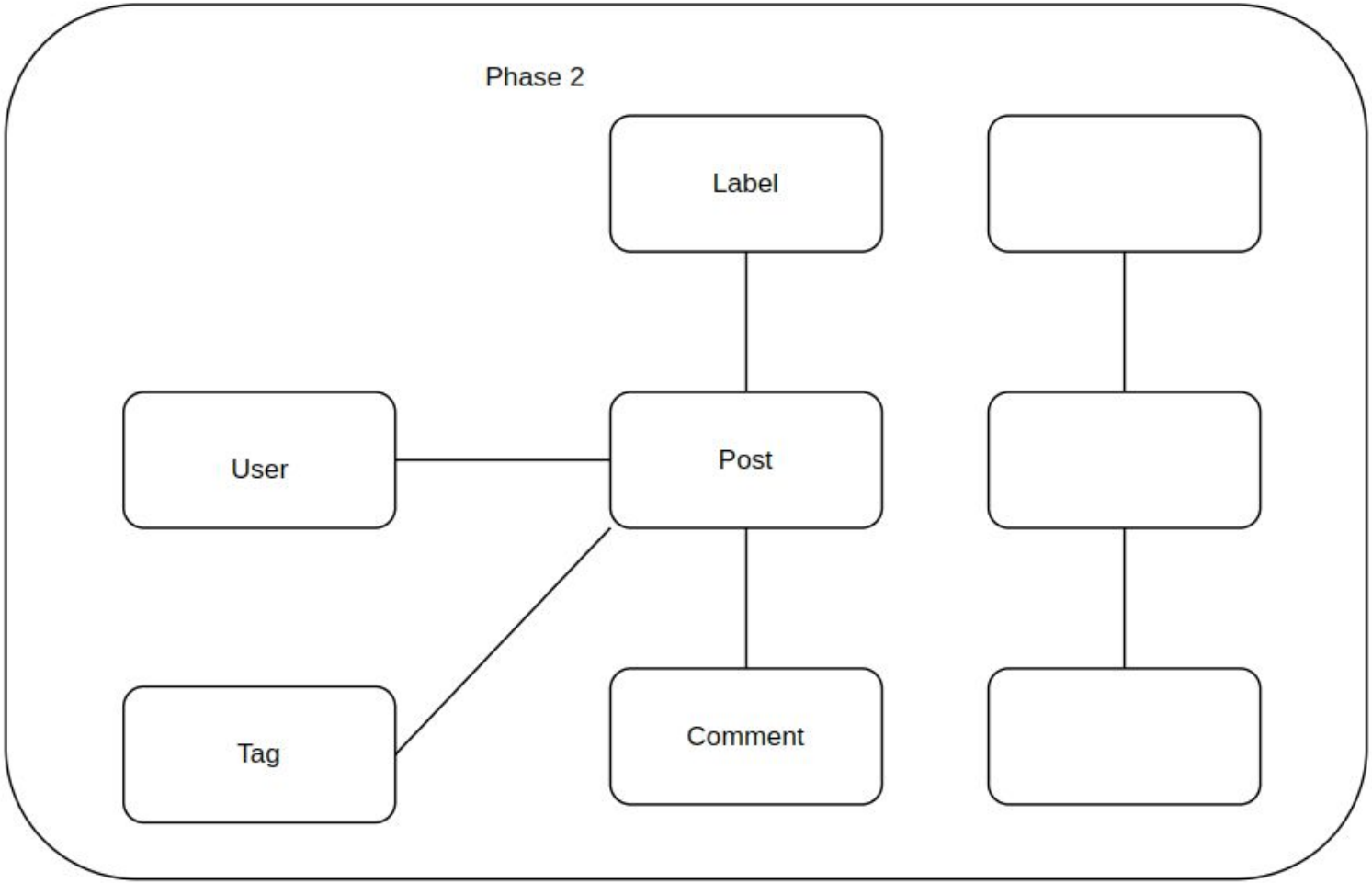
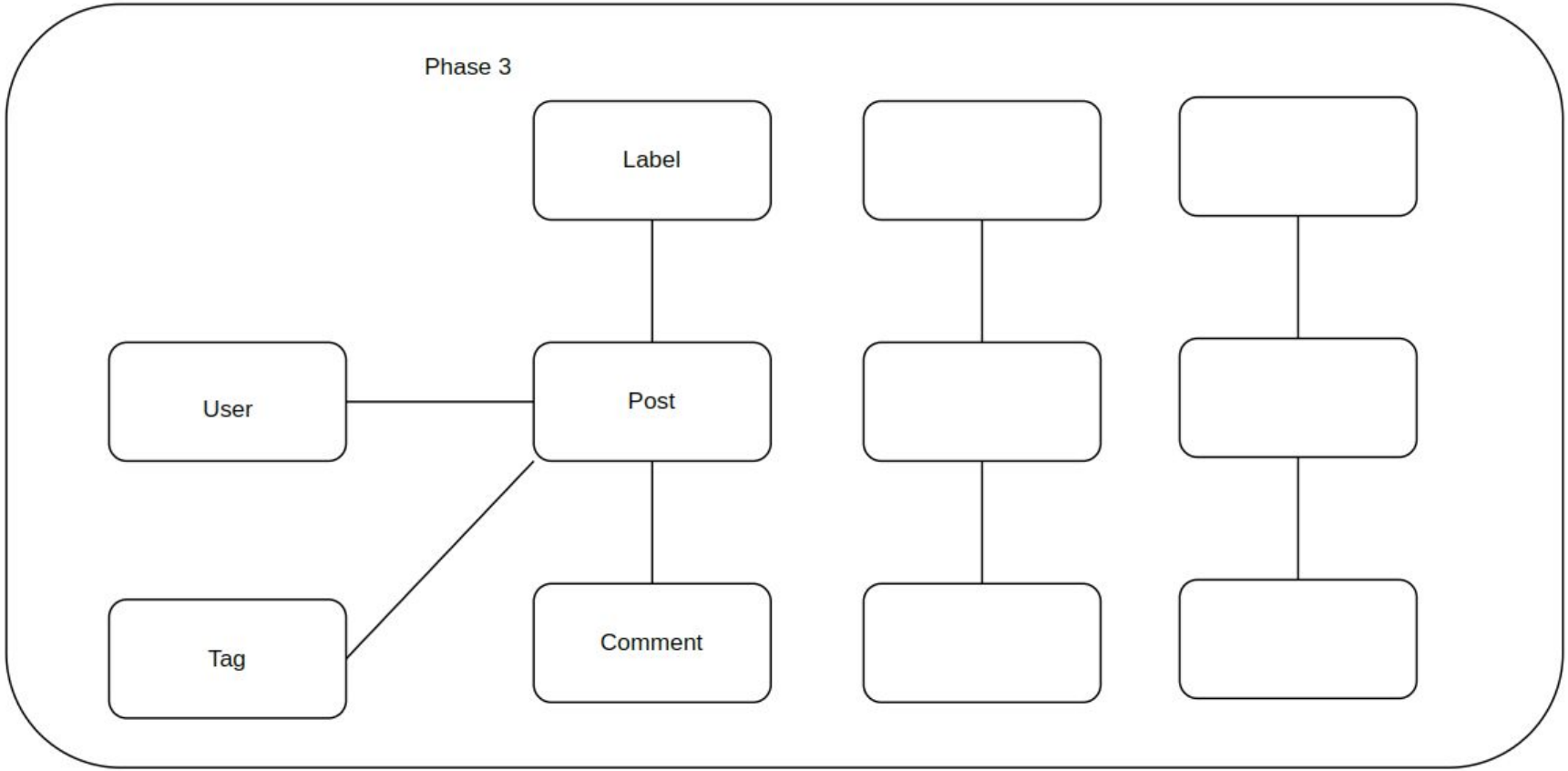
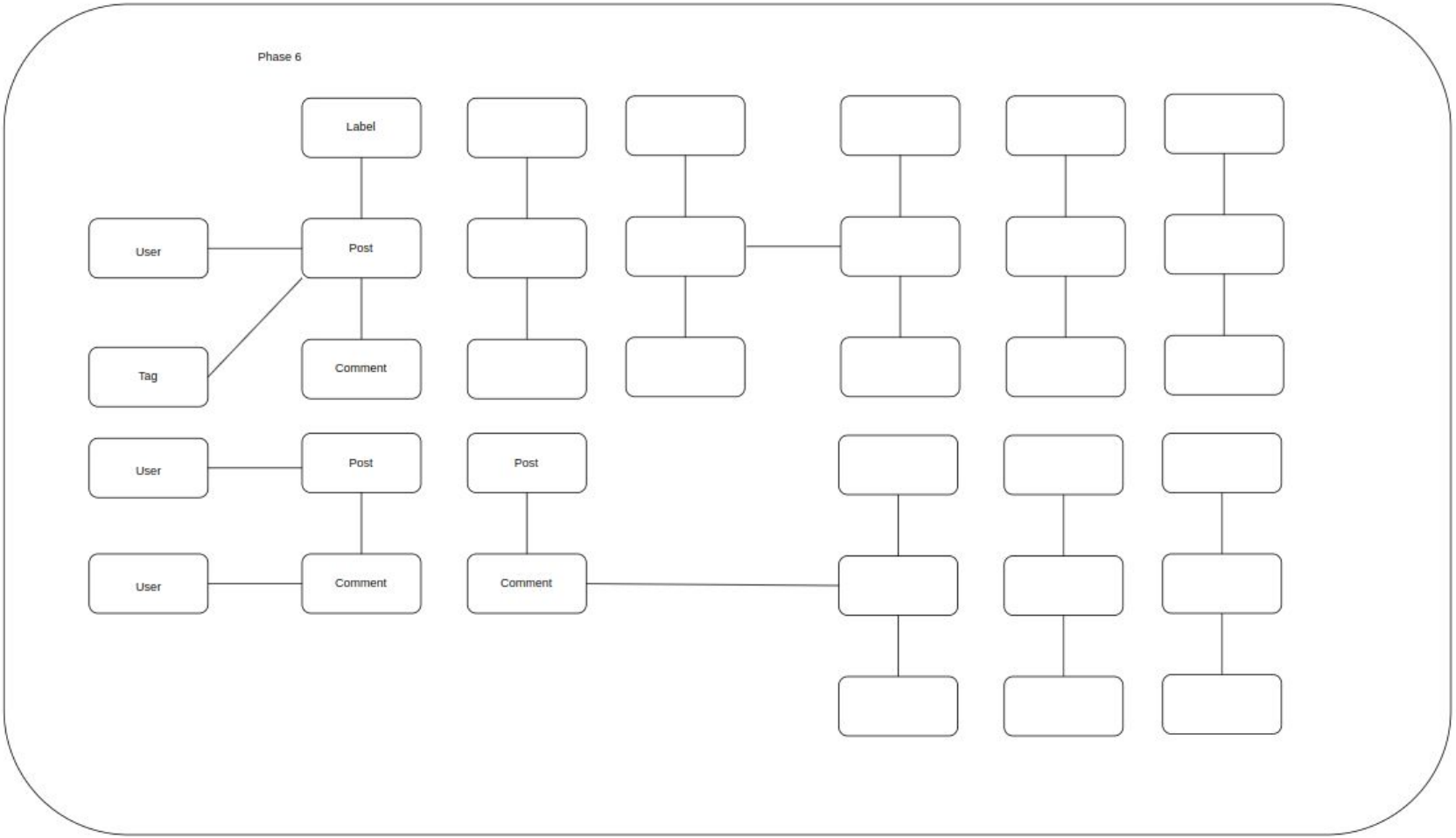
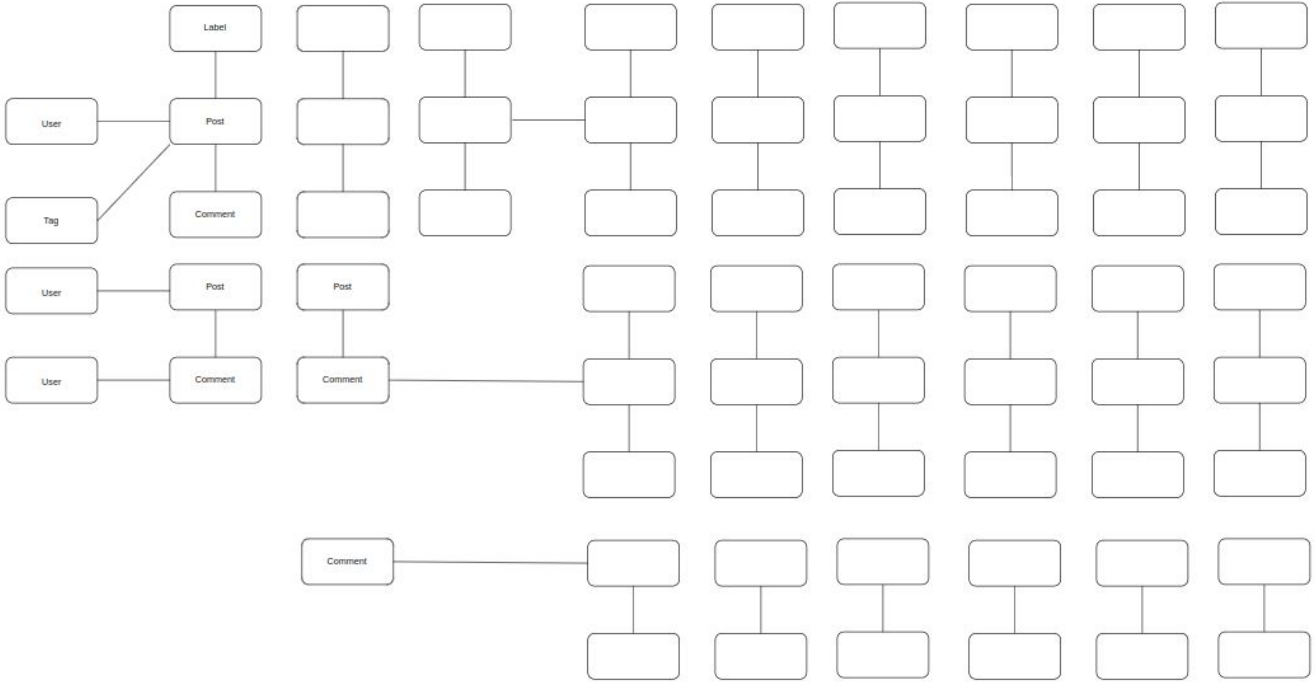

Phase 2
Label
User
Post
Tag
Comment

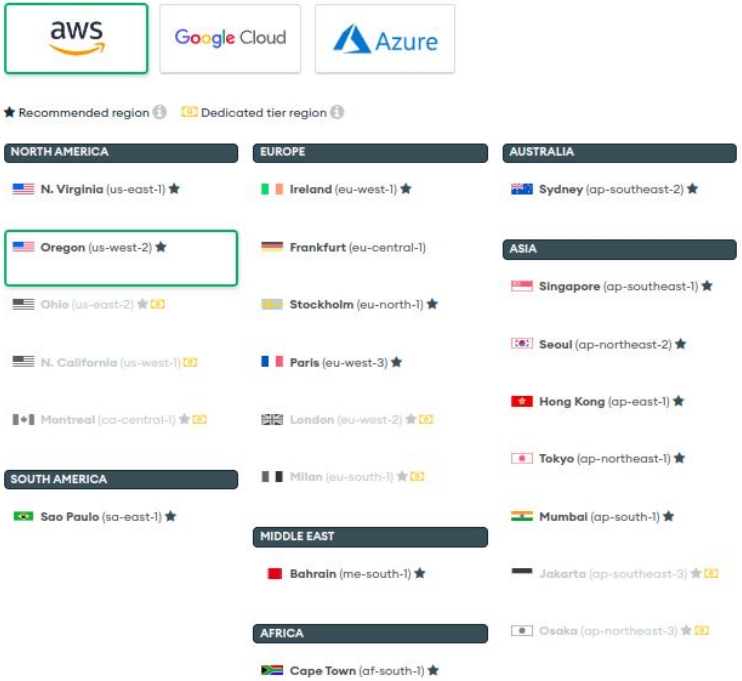

Phase 3
Label
User
Post
Tag
Comment


Phase 6
Label
User
Post
Tag
Comment
User
Post
Post
User
Comment
Comment

Phase 16


Label
User
Post
Tag
Comment
User
Post
Post
User
Comment
Comment
Comment

Cloud Provider & Region — AWS, Oregon (us-west-2)



Cluster Tier — M0 Sandbox (Shared RAM, 512 MB Storage)
Encrypted

Additional Settings — MongoDB 5.0, No Backup

Cluster Name — Cluster0

YOUTHCOMMUNITY > YOUTHCOMMUNITY

Database Deployments

Find a database deployment...

Cluster0 | Connect | View Monitoring | Browse Collections | ... | FREE | SHARED

Enhance Your Experience

For production throughput and richer metrics, upgrade to a dedicated cluster now!

Upgrade

R 0.03
W 0
Last 6 hours

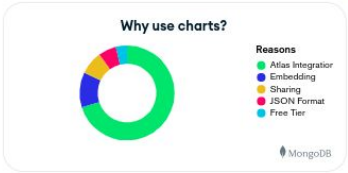
Connections 8.0
Last 6 hours

In 168.3 B/s
Out 799.1 B/s
Last 6 hours

Data Size 151.8 KB
Last 2 days

VERSION	REGION	CLUSTER TIER	TYPE	BACKUPS	LINKED APP SERVICES	ATLAS SEARCH
5.0.13	AWS / Oregon (us-west-2)	M0 Sandbox (General)	Replica Set - 3 nodes	Inactive	None Linked	Create Index

Visualize Your Data

Build custom dashboards and charts, and embed them in your apps with MongoDB Charts. Get started for free.

Explore Charts