

# CodeSignal Assessment Candidate Guide

August 2025



# Candidate Guide Instructions

This guide will provide you with step-by-step instructions on how to complete an assessment that is proctored. Additional resources are available at the links below:

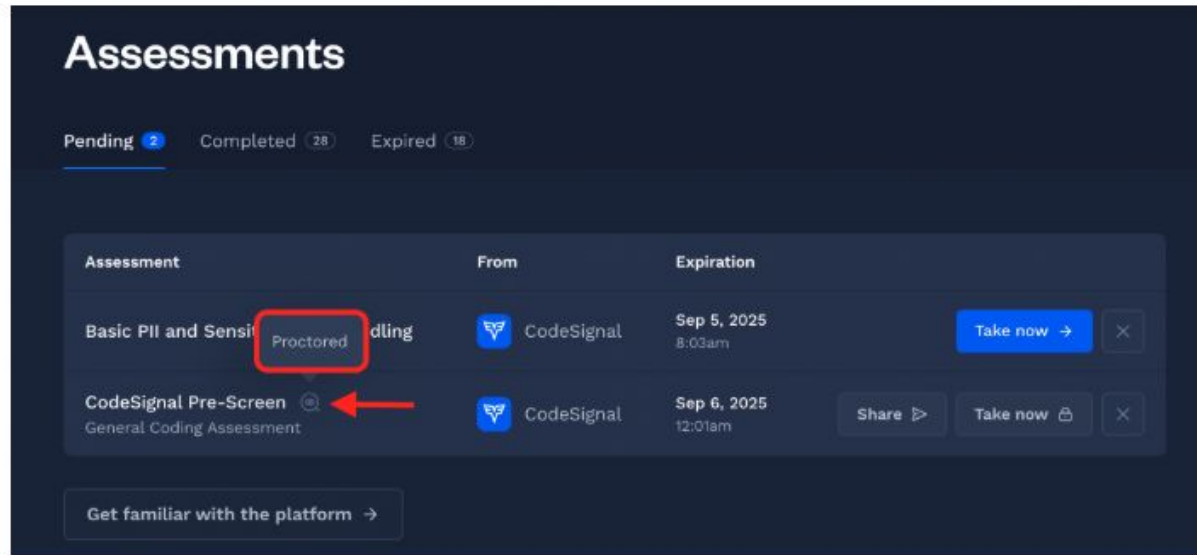
- [What is Proctoring and how does it work](#)
- [Accessing & Taking an Assessment on CodeSignal](#)




# Proctoring

## Why are assessments proctored?

Some CodeSignal assessments include remote proctoring and an identity verification step in order to ensure the validity of your results. You will see whether or not proctoring is required in your Assessments section before you take the assessment.



The screenshot shows the 'Assessments' section of the CodeSignal interface. It features a table with columns for 'Assessment', 'From', and 'Expiration'. Two assessments are listed: 'Basic PII and Sensit' and 'CodeSignal Pre-Screen'. The 'Basic PII and Sensit' assessment is marked as 'Proctored' with a red box around the label. The 'CodeSignal Pre-Screen' assessment is marked as 'General Coding Assessment' and has a red arrow pointing to its icon. Both assessments are from CodeSignal and have expiration dates in September 2025. Buttons for 'Take now' and 'Share' are visible for each assessment.

Assessment	From	Expiration
Basic PII and Sensit <b>Proctored</b>	CodeSignal	Sep 5, 2025 8:03am
CodeSignal Pre-Screen  <b>General Coding Assessment</b>	CodeSignal	Sep 6, 2025 12:01am

[Get familiar with the platform →](#)



# Proctoring

## How does proctoring work?

Prior to the assessment, you will be prompted to share your **camera, microphone**, and **screen** for the duration of the assessment. You will also be prompted to show your **government-issued photo ID** to validate your identity. This data will be recorded and following the completion of your evaluation, it will be reviewed by the CodeSignal proctoring verification team. The CodeSignal proctoring verification team will verify that:

- Your camera, microphone and screenshare were shared for the duration of your evaluation.
- Your ID is valid (government-issued and not-expired) and contains your full name and photo.
- You observed **all** evaluation rules that were displayed within the evaluation instructions prior to your session.

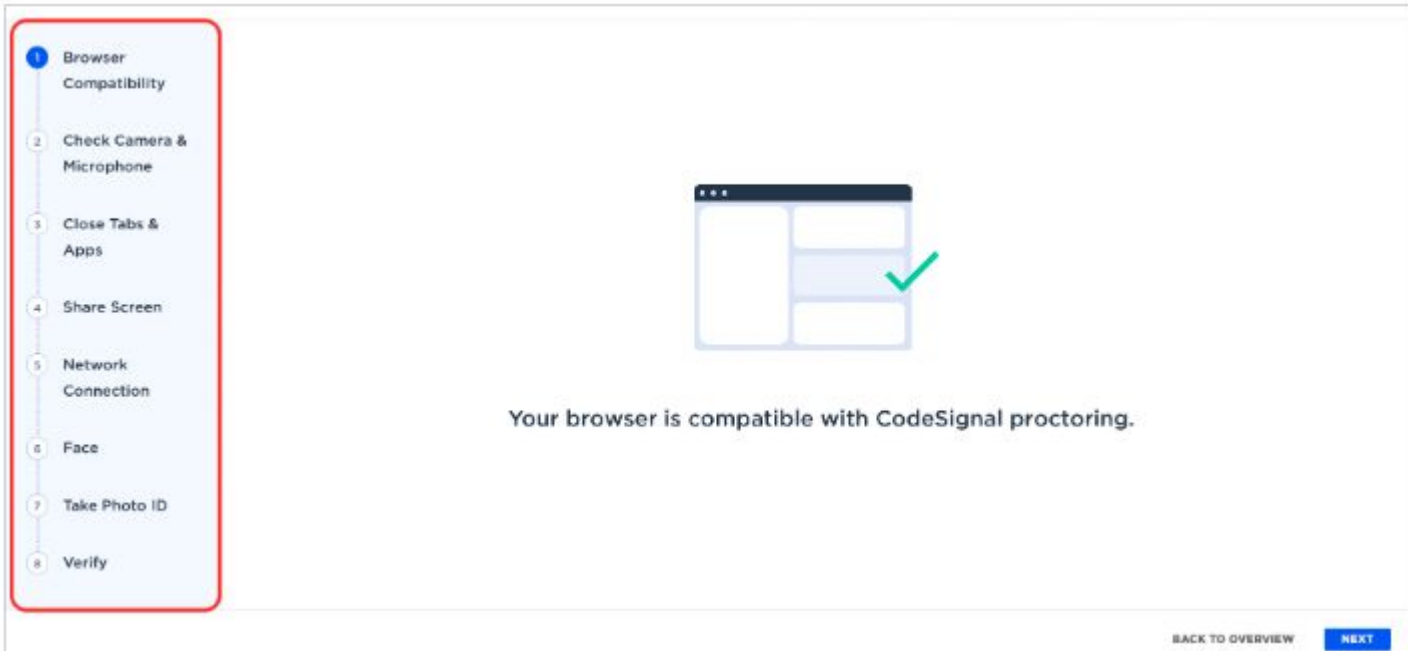
**Be sure to heed all evaluation rules in order to pass the CodeSignal verification check!**

**Note:** The timer for your assessment does not begin until you complete all the setup steps.



# Proctoring

When you arrive on this page it will automatically test browser compatibility, click next once this is complete



1 Browser Compatibility

2 Check Camera & Microphone

3 Close Tabs & Apps

4 Share Screen

5 Network Connection

6 Face

7 Take Photo ID

8 Verify

Your browser is compatible with CodeSignal proctoring.

BACK TO OVERVIEW NEXT



# Proctoring

**Step 3** will prompt you to close all unrelated tabs, browser windows, and applications.

1 Browser Compatibility

2 Check Camera & Microphone

3 Close Tabs & Apps

4 Share Screen

5 Network Connection

6 Face

7 Take Photo ID

8 Verify

Please close all unrelated tabs, browser windows, and applications. They should remain closed throughout the assessment.

Accessibility programs are allowed.

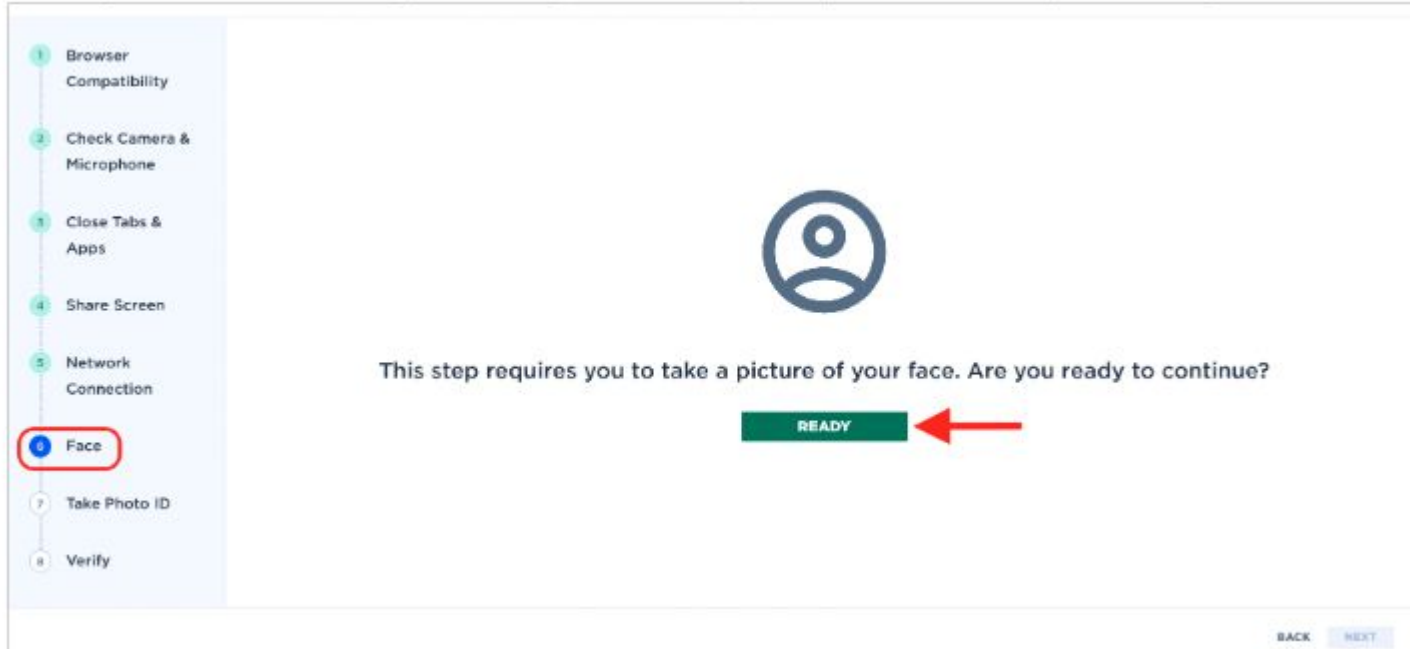
☐ I have closed all unrelated tabs and applications.

BACK NEXT



# Proctoring

When you make it to **Step 6: Face**, you will be prompted to take a picture of your face.



1 Browser Compatibility

2 Check Camera & Microphone

3 Close Tabs & Apps

4 Share Screen

5 Network Connection

**6 Face**

7 Take Photo ID

8 Verify

This step requires you to take a picture of your face. Are you ready to continue?

READY

BACK NEXT

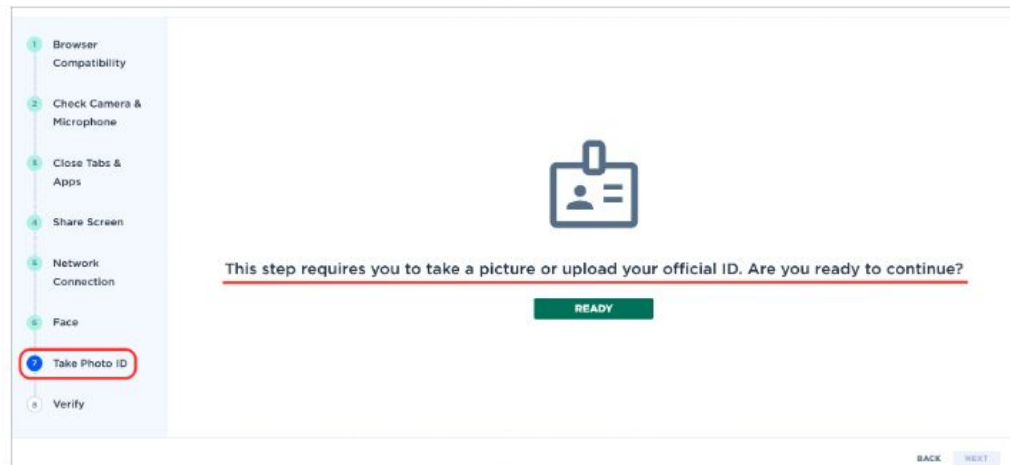


# Proctoring

For the next **Step 7: Take Photo ID**, you will be prompted to take a picture of your official ID. If you are unable to take a clear photo, feel free to use our **Upload** feature, in order to share a clear photo of your ID.

## Notes:

- We require a clear photo, your full name and the expiration date to be visible on the submitted ID. If preferred, you may redact all remaining information on the ID card.
- Candidates without government issued photo ID may reach out to our support team to request a special accommodation and provide alternative photo ID.



The screenshot displays a proctoring interface with a vertical list of steps on the left and a central instruction area. The steps are: 1. Browser Compatibility, 2. Check Camera & Microphone, 3. Close Tabs & Apps, 4. Share Screen, 5. Network Connection, 6. Face, 7. Take Photo ID (highlighted with a red circle), and 8. Verify. The central area features an ID card icon and the text: "This step requires you to take a picture or upload your official ID. Are you ready to continue?". Below this text is a green "READY" button. At the bottom right, there are "BACK" and "NEXT" buttons.

1. Browser Compatibility
2. Check Camera & Microphone
3. Close Tabs & Apps
4. Share Screen
5. Network Connection
6. Face
7. Take Photo ID
8. Verify

This step requires you to take a picture or upload your official ID. Are you ready to continue?




READY

BACK NEXT





# Proctoring

 Powered by  CodeSignal 

1

1. Select

2

3

4

5

6

7

Compatibility

Check Camera & Microphone

Close Tabs & Apps

Share Screen

Network Connection

Face

Take Photo ID



 Ensure that your photo is clear. If we cannot clearly read your full name or view your photo on the ID, we will not be able to verify your result.

Take a picture of your official, unexpired photo ID (e.g., license, passport, or student ID) or upload one (3 MB max, JPG/PNG/HEIC).

What's this for? 

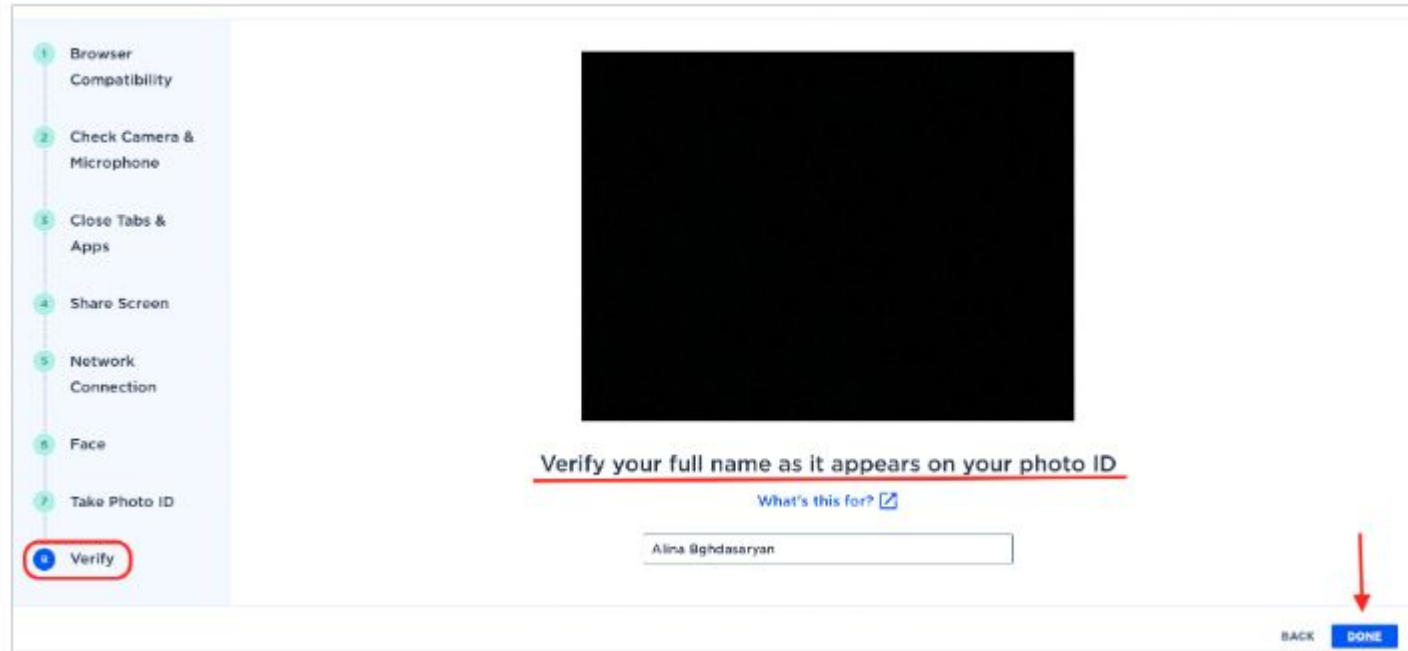
TAKE PHOTO

UPLOAD



# Proctoring

After you complete your proctoring set up, click on the **Done** button.



The screenshot shows a proctoring setup interface. On the left is a vertical progress bar with seven steps: 1. Browser Compatibility, 2. Check Camera & Microphone, 3. Close Tabs & Apps, 4. Share Screen, 5. Network Connection, 6. Face, and 7. Take Photo ID. The final step, 8. Verify, is highlighted with a red circle. The main area features a large black square representing a camera feed. Below it, the text 'Verify your full name as it appears on your photo ID' is underlined in red. A link 'What's this for?' with an external icon is positioned below the instruction. A text input field contains the name 'Alina Bghdasaryan'. At the bottom right, there are 'BACK' and 'DONE' buttons. A red arrow points directly to the 'DONE' button.

1 Browser Compatibility

2 Check Camera & Microphone

3 Close Tabs & Apps

4 Share Screen

5 Network Connection

6 Face

7 Take Photo ID

8 **Verify**

Verify your full name as it appears on your photo ID

[What's this for?](#)

Alina Bghdasaryan

BACK DONE



# Proctoring

## What are the rules for proctored assessments?

You will need to comply with all assessment rules, which will be displayed prior to beginning your assessment:

### General Rules

- You must be alone in the room.
- You should be connected to a power source.
- Use a single monitor or screen.
- This assessment must be completed in one session without breaks and without leaving your workstation.
- Close all other applications and browser tabs except for this one. External documentation browsers are also permitted.
- Do not use other devices, including phones or tablets.
- Do not screenshot, print, or download any part of the test.
- Do not write or execute code in the browser's developer console or in an external editor or IDE.
- Web searches are allowed for syntax reference only. Other web searches will result in disqualification.
- Scratch paper is allowed.

☐ I will not consult with or copy code from any external source (including websites, books, or people) to complete these tasks.

☐ I will not copy, reproduce, distribute, or publicly display any of the information I come across during this test, including but not limited to the task descriptions copyrighted by CodeSignal.

BACK

START



# Proctoring

**Proctoring has no impact on the score you receive;** all scores are calculated automatically by the CodeSignal system.

## How is my identification and proctoring data used, and how long is it stored?

CodeSignal does **not** use identification and proctoring data for any purpose other than to ensure you have completed the evaluation fairly. Identification and proctoring data is reviewed by CodeSignal only and is **stored and deleted within 15 days**. It will not be shared with the company who requested your coding report. The company who requested your coding report will simply receive a copy of your assessment result and score.



# Accessing the Assessment



[Platform](#) [Solutions](#) [Resources](#) [Company](#) [Pricing](#) [For Learners](#) [Log In](#)

[Book a Demo](#)

## Assess & develop the skills that matter

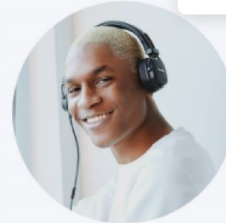
Whether you want to level up your skills or build a great team,  
CodeSignal's AI-native skills assessment and learning platform gets you  
where you need to go.

[Book a Demo](#)

[For Learners](#) →

 [For Organizations](#)

 [For Individuals](#)



ANTHROPIC

zoom

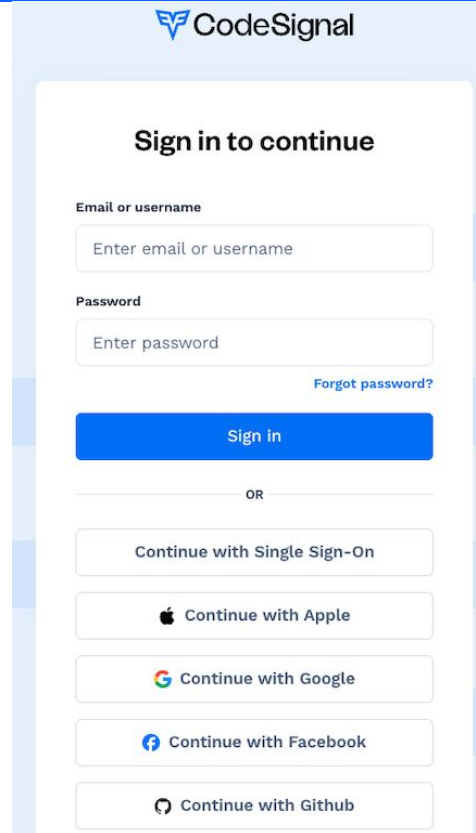
NETFLIX

instacart

TikTok

# Accessing the Assessment

When logging in to CodeSignal, make sure you are logged in with the same email address as to where we sent your assessment!



The image shows the CodeSignal login page. At the top is the CodeSignal logo. Below it is the heading "Sign in to continue". There are two input fields: "Email or username" and "Password", both with placeholder text "Enter email or username" and "Enter password" respectively. To the right of the password field is a link "Forgot password?". Below the input fields is a blue "Sign in" button. Underneath the button is a horizontal line with the text "OR" in the center. Below this line are five buttons for social login: "Continue with Single Sign-On", "Continue with Apple", "Continue with Google", "Continue with Facebook", and "Continue with Github". Each button has a corresponding icon (Apple logo, Google logo, Facebook logo, and Github logo).



# Accessing the Assessment

## Assessments

Pending **1**

Completed **56**

Expired **53**

Assessment

From

Expiration

[TEST] Initech Assessment ⓘ  
General Coding Assessment



[TEST] Initech

Aug 28, 2025  
3:42pm

Take now →



Get familiar with the platform →



# Taking the Assessment

You will have the option to take a practice test prior to beginning your assessment

## AI Full Stack Assessment



### 1 hour duration

You cannot pause after starting.



### Submit your answer to each question

If you don't submit, your response won't be graded.




### Complete one question

One advanced assessment with preview question.



### Focus on one question at time

Best practice is to go through them in order.



### Want a head start?

Get familiar with CodeSignal through practice questions before starting your evaluation, then come back when you're ready!

[PRACTICE](#)



### Please select your preferred language

Some questions may be restricted to specific languages. You can change this later in the code editor.

Django + Angular





# Taking the Assessment

Click on “VIEW” to begin

AI Full Stack Assessment

Duration: 1h Questions: 1 Submitted: 0

0:59:51  
Remaining Time

Question	Type	Score ⓘ	Submitted
Question 1	Free-Filesystem	Hidden	Unsubmitted <a href="#">VIEW</a>

[FINISH MY SESSION](#)



# Taking the Assessment

When you click to begin the assessment, you will see this view

**Context**

This assessment consists of a single question with multiple tiers of requirements. It will be graded by your assessment report.

Meet Cosmo, your AI assistant! ✕ Your highest scoring attempt will become your final score saved in your assessment report.

You will get points for a partial solution, so make sure to submit your code even if you don't finish everything.

Last but not least, this is an AI co-piloted assessment and Cosmo (found in the left-hand-side menu) is here to help you get things done faster. You are expected to make use of your AI co-pilot as much as you need to.

**Introduction**

You are given a fully functional application called Conduit, a simple blogging website that's similar to sites like medium.com. The application uses a Django REST Framework backend and an Angular frontend. This application allows users to:

- Sign up and log in using authentication.
- Create, edit, and delete articles with support for markdown formatting.
- Comment on articles and engage in discussions.
- Follow other users to see their articles in a personalized feed.
- Favorite articles to save them for later.
- Filter articles by tags to discover trending topics.

We've populated the database with 2 users and 7 articles which are owned by the Author user:

- author@example.com – @uth0r1234
- reader@example.com – r3@der1234

See [README.md](#) from the IDE for details about project structure and the database, migrations, and seeded data.

**Requirements**

**models.py**

```
1 from django.db import models
2 from django.db.models import Count
3 from django.db.models.signals import
4 pre_save
5 from django.dispatch import receiver
6 from django.utils.text import slugify
7
8 class TagManager(models.Manager):
9     def popular_tags(self):
10         return list(
11             self.get_queryset()
12                 .values("name")
13                 .annotate(count=Count(
14                     ("articles")
15                     .order_by("-count")[:10]
16                     .values_list("name", flat=True)
17
18
19 class Tag(models.Model):
20     objects = TagManager()
21
22     name = models.CharField(
23         (max_length=120, unique=True)
24         slug = models.SlugField(
25             (max_length=120, unique=True)
```

Run an application on port 3000 to preview.

create mode 100755 frontend/src/styles.scss  
create mode 100755 frontend/tsconfig.app.json  
create mode 100755 frontend/tsconfig.json  
create mode 100644 main.sh  
create mode 100644 package.json  
create mode 100755 seed-data.json  
Starting dev server

> realworld-django-rest-framework-angular@1.0.0 start  
> concurrently --names 'Django,Angular' -c 'green,blue' 'python backend/manage.py runserver 0.0.0.0:3001' 'npm --prefix=frontend start -- --port 3000 --host 0.0.0.0 --disable-host-check --proxy-config proxy.conf.json'

**SUBMIT** **REVIEW YOUR ANSWERS**

# Taking the Assessment

Cosmo Is your AI Assistant

The screenshot displays the Cosmo AI Assistant interface within a code editor environment. On the left, a sidebar contains navigation icons for DESC, COSMO, DEBUG, HISTORY, RULES, INFO, ADMIN, AI, and SETTINGS. The main chat area shows a conversation with Cosmo, who identifies itself and offers assistance. A file explorer in the center shows a project structure with folders like .codesignal, .git, and backend, and files like models.py. The code editor on the right shows the content of models.py, which includes Django model definitions and a TagManager class. A terminal window at the bottom displays the output of a command, showing file sizes and bundle generation status. The interface also includes a 'BACK TO QUESTIONS' button at the top left and a 'SUBMIT REVIEW YOUR ANSWERS' button at the bottom right.

**Cosmo**

Hello, I'm Cosmo.

I'm here to help you get things done faster! Treat me as your co-pilot and let's work together to complete all the questions.

Note: I can see code from all your currently open tabs and terminals, but not from files you haven't opened yet.

Ready? Set? Liftoff! 🚀

Ask a question

**models.py**

```
1 from django.db import models
2 from django.db.models import Count
3 from django.db.models.signals import
  pre_save
4 from django.dispatch import receiver
5 from django.utils.text import slugify
6
7
8 class TagManager(models.Manager):
9     def popular_tags(self):
10         return list(
11             self.get_queryset()
12                 .values("name")
13                 .annotate(count=Count("articles"))
14                 .order_by("-count")[:10]
15                 .values_list("name", flat=True)
16         )
17
18
19 class Tag(models.Model):
20     objects = TagManager()
21
22     name = models.CharField(
23         (max_length=120, unique=True)
24         slug = models.SlugField(
25             (max_length=120, blank=True)
```

**TERMINAL**

```
[Angular] main.js | main | 120.10 kB |
[Angular] polyfills.js | polyfills | 90.29 kB |
[Angular] styles.css | styles | 476 bytes |
[Angular] | Initial total | 210.87 kB
[Angular] Application bundle generation complete. [5.788 seconds]
[Angular] Watch mode enabled. Watching for file changes...
[Angular] NOTE: Raw file sizes do not reflect development server per-request t
ransformations.
[Angular] → Local: http://localhost:3000/
[Angular] → Network: http://10.6.195.106:3000/
```

**SUBMIT REVIEW YOUR ANSWERS**



# Taking the Assessment

You can interact with Cosmo throughout your assessment by asking questions

**BACK TO QUESTIONS**

This conversation is recorded and included in your results.

**David**  
where do i start?

**Cosmo**  
Great question! For **Tier 1**, you need to add a view count feature to the Article model and expose it via an API endpoint. Here's a step-by-step plan to get started:

**Add a `viewCount` field to the Article model**

- Open `backend/articles/models.py` (which you already have open).
- Add a new field to the `Article` class:

```
py

viewCount = models.IntegerField(default=0)
```

**Create a migration and apply it**

- After saving the model, run:

```
plaintext

python backend/manage.py makemigrations articles
python backend/manage.py migrate
```

This updates your database schema.

**Expose `viewCount` in the Article API**

- Open `backend/articles/serializers.py`.
- Add `viewCount` to the fields in the `ArticleSerializer`.

**Ask a question**

**Files**

- .codesignal
- .git
- backend
  - articles
    - \_\_pycache\_\_
    - migrations
    - \_\_init\_\_.py
    - admin.py
    - apps.py
    - filters.py
    - models.py
    - paginations.py
    - serializers.py
    - views.py
  - config
  - users

**models.py**

```
1 from django.db import models
2 from django.db.models import Count
3 from django.db.models.signals import
4 pre_save
5 from django.dispatch import receiver
6 from django.utils.text import slugify
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8 class TagManager(models.Manager):
9     def popular_tags(self):
10         return list(
11             self.get_queryset()
12                 .values("name")
13                 .annotate(count=Count("articles"))
14                 .order_by("-count")[:10]
15                 .values_list("name", flat=True)
16         )
17
18 class Tag(models.Model):
19     objects = TagManager()
20     name = models.CharField(
21         max_length=120, unique=True
22     )
23     slug = models.SlugField(
24         max_length=120, blank=True
25     )
```

**Terminal**

```
[Angular]
[Angular]
[Angular] | Initial total | 210.87 kB
[Angular] Application bundle generation complete. [5.788 seconds]
[Angular] Watch mode enabled. Watching for file changes...
[Angular] NOTE: Raw file sizes do not reflect development server per-request t
ransformations.
[Angular] + Local: http://localhost:3000/
[Angular] + Network: http://10.6.195.106:3000/
[Django] [26/Aug/2025 15:25:25] "GET /api/tags HTTP/1.1" 200 130
[Django] [26/Aug/2025 15:25:25] "GET /api/articles?limit=20&offset=0 HTTP/1.1"
200 7473
```

**conduit**  
Home Sign in Sign up

A place to share your knowledge.

**Global Feed**

**Author**  
Mar 17, 2025

**Venice's Forgotten Islands**  
Exploring the overlooked archipelago beyond Venice's famous canals.

Read more... HiddenGems Travellin'ary

**Author**  
Mar 17, 2025

**Desert Stargazing in Namibia**  
Why Namibia offers some of Earth's most spectacular night skies.

Read more... Stargazing Travellin'ary

**Author**  
Mar 17, 2025

**Ravens: Nature's Problem Solvers**  
How ravens showcase remarkable intelligence rivaling

**SUBMIT REVIEW YOUR ANSWERS**

# Taking the Assessment

After completing your assessment, click on Submit (you will then see Submitted at the top in green)

The screenshot displays a development environment with a code editor on the left and a web browser on the right. The code editor shows a Django project with a `models.py` file containing a `TagManager` class and a `Tag` model. The terminal at the bottom shows the output of a Django command, indicating that the application bundle generation is complete and the development server is running. The web browser shows the Conduit assessment interface, which includes a notification that the solution has been submitted. The interface also displays a global feed of articles, including "Venice's Forgotten Islands", "Desert Stargazing in Namibia", and "Ravens: Nature's Problem Solvers". A red arrow points to the "SUBMIT" button at the bottom of the browser window.




```
1 from django.db import models
2 from django.db.models import Count
3 from django.db.models.signals import pre_save
4 from django.dispatch import receiver
5 from django.utils.text import slugify
6
7
8 class TagManager(models.Manager):
9     def popular_tags(self):
10         return list(
11             self.get_queryset()
12                 .values("name")
13                 .annotate(count=Count("articles"))
14                 .order_by("-count")[:10]
15                 .values_list("name", flat=True)
16         )
17
18
19 class Tag(models.Model):
20     objects = TagManager()
21
22     name = models.CharField(max_length=120, unique=True)
23     slug = models.SlugField(max_length=120, blank=True)
24
25     def __str__(self):
26         return self.name
27
```

Terminal Output:

```
[Angular] polyfills.js | polyfills | 90.29 kB |
[Angular] styles.css | styles | 476 bytes |
[Angular]
[Angular] Initial total | 210.87 kB
[Angular] Application bundle generation complete. [5.788 seconds]
[Angular] Watch mode enabled. Watching for file changes...
[Angular] NOTE: Raw file sizes do not reflect development server per-request transformations.
[Angular] - Local: http://localhost:3800/
[Angular] - Network: http://18.8.195.106:3800/
[Django] [26/Aug/2025 15:25:25] "GET /api/tags HTTP/1.1" 200 130
[Django] [26/Aug/2025 15:25:25] "GET /api/articles?limit=20&offset=0 HTTP/1.1" 200 7473
```

# Taking the Assessment

After submitting successfully, click on “FINISH MY SESSION”



Powered by CodeSignal 


## AI Full Stack Assessment

Duration: 1h Questions: 1 Submitted: 1

0:56:54

Remaining Time

Question	Type	Score 	Submitted
Question 1	Free-Filesystem	Hidden	<div> Submitted</div> <div>&lt; 1 min ago</div> <div>VIEW</div>



FINISH MY SESSION



# Taking the Assessment

Finally, click on “FINISH” to complete your assessment

