

BONUS!

CHALLENGE 3

Exploration & Bug
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Investigation Steps:

1. Typically, for intermittent bugs, I start by reviewing the available logs, such as internet or data communication logs. I then repeat the steps that caused the bug to appear in order to identify a pattern.
2. Reproduce the bug in a local environment or have discussions with the developers regarding recent changes that might be related to the bug.
3. If the intermittent bug occurs with a user, I usually ask for information about the user's environment (device version, OS version, or the network they are using).
4. I also make sure that there is no cached data from previous builds or bugs that might still be affecting the system.

Information that Helps:

1. Failure logs from the server side (Firebase, Metabase, or in-app logs).
2. The environment used by the users (OS, web/app version, network used).
3. The flow or steps that led to the bug (steps to reproduce).
4. Screenshots or video recordings from the user or team experiencing the bug.
5. Release notes that might indicate a crash or problematic build.

These things have been extremely helpful to me in diagnosing issues, allowing for clear reporting and re-testing.

Potential Technical Causes:

Based on my experience, the following are the common technical causes of bugs at different system layers and teams:

- **Frontend (FE):** A complicated UI element structure that is hard for users to interact with (click/scroll). Insufficient error handling or input handlers. Incorrect flow when users access certain pages but encounter mismatched behaviors.
- **Backend (BE):** APIs that do not respond, unsynchronized data due to structural changes that cause data corruption or missing information. Backend builds during high user traffic periods that might cause failures. Database connections or queries that are not optimized.
- **Third-party services:** Bugs in third-party APIs.

Bug Reproduction Strategy:

1. Set up a testing environment that matches the environment where the bug occurred (at least one of: OS, browser, or app version).
2. Identify in detail what actions the end-user or test team took that caused the bug.
3. Bugs are often caused by cache, so clearing the cache is a good first step.
4. Monitor application logs, network traffic, database, and server responses to identify errors or failed responses.
5. Once the bug is reproduced and passed to the developer, fix the issue and re-test to ensure the problem does not recur.

Findings from my experience with dev.dealls.com:

- On the first access, the promo card structure appears too cluttered, making it look messy.
- There is an inconsistency in language switching between English and Indonesian when the user navigates to different tabs.

Findings from my experience with dealls mentoring platform:

ID: Bug-Mentoring-ITEng-0001

Title: Incorrect Breadcrumb Path When Selecting Mentor in "IT/Eng" Filter

Severity: Medium

Environment: <https://job-portal-user-dev-skx7zw44dq-et.a.run.app/mentoring-Web-Version>

Tested on: [W11, Chrome Version 135.0.7049.116]

Date Found: [May 06, 2025]

Bug Description:

When the user selects a mentor from the "IT/Eng" filtered list, the breadcrumb path does not reflect the selected category. Instead of showing "All Mentors > IT/Eng", it shows a different category (e.g., "All Mentors > Accounting").

Steps to Reproduce:

1. Go to the "All Mentors" page.
2. Apply the filter "IT/Eng".
3. Click on the mentor named **Zaky Imam Hastomo**.
4. Observe the breadcrumb path displayed at the top of the page.

Expected Result:

Breadcrumb should display:

All Mentors > IT/Eng

Actual Result:

Breadcrumb displays:

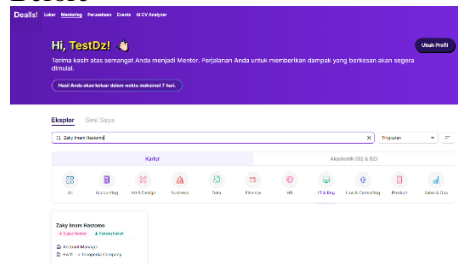
All Mentors > Accounting

Notes:

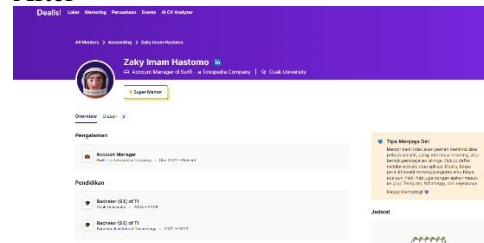
- The issue may be related to incorrect tagging or filtering logic in the mentor's metadata.
- This could mislead users about the mentor's expertise category.

Evidence:

Before



After



ID: Bug-Mentoring -0001**Title:** Mentoring Cards Appear Asymmetrical When No Banner is Uploaded**Severity:** Medium**Environment:** <https://job-portal-user-dev-skx7zw44dq-et.a.run.app/mentoring> – Web Version**Tested on:** Windows 11, Chrome Version 135.0.7049.116**Date Found:** May 06, 2025**Bug Description:**

On the /mentoring page, mentoring cards that do not have an uploaded poster/banner appear misaligned compared to those with images. This creates a visual inconsistency and unprofessional appearance in the UI.

Steps to Reproduce:

1. Navigate to the /mentoring page.
2. Locate mentoring cards without a banner image.
3. Compare their alignment with cards that include an image.
4. Observe the title and description positioning.

Expected Result:

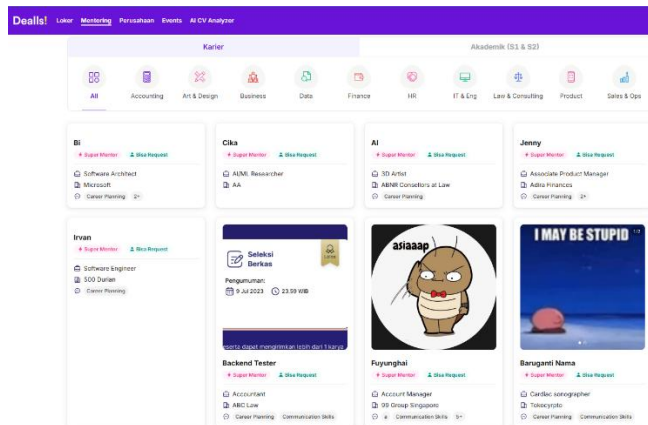
All mentoring cards should maintain consistent height and alignment, regardless of whether a banner image is uploaded.

Actual Result:

Cards without images appear shorter, and the title/description positioning is not aligned with cards that include images.

Notes:

Suggested to fix: Display a **default placeholder image** for mentoring sessions without an uploaded banner to preserve layout uniformity and improve user experience.

Evidence:**ID: Bug-Mentoring-SesiSaya-0001****Title:** Mentoring Tab Highlight Missing When Navigating to "Sesi Saya"**Severity:** Medium**Environment:** <https://job-portal-user-dev-skx7zw44dq-et.a.run.app/mentoring> – Web Version**Tested on:** Windows 11, Chrome Version 135.0.7049.116**Date Found:** May 06, 2025

Bug Description:

When the user clicks on the "Sesi Saya" section, the highlight on the **Mentoring** tab disappears, even though the path remains /mentoring.

Steps to Reproduce:

1. Navigate to the /mentoring page.
2. Click on the "Sesi Saya" option.
3. Observe the navigation tab section.

Expected Result:

The **Mentoring** tab should remain highlighted to indicate that the user is still within the mentoring section.

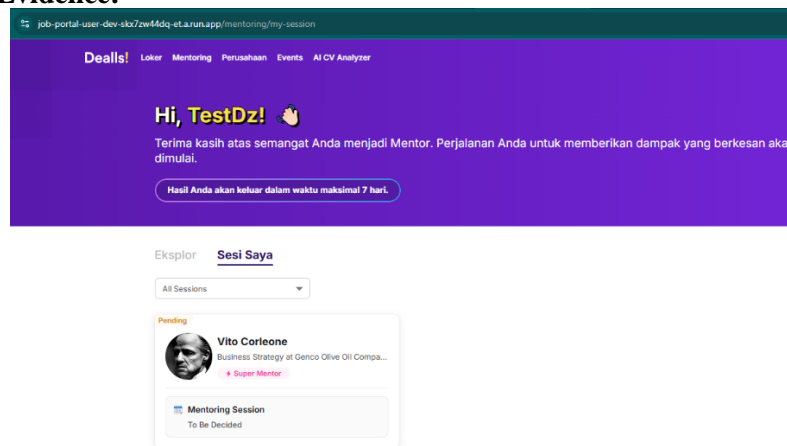
Actual Result:

The **Mentoring** tab loses its highlight despite being in the /mentoring path.

Notes:

Suggested Fix: Ensure the tab remains highlighted as long as the URL path starts with /mentoring, regardless of subroutes.

Evidence:



ID: Bug-Mentoring-0002

Title: Mentor Search Doesn't Support Partial Word Matching

Severity: Medium

Environment: <https://job-portal-user-dev-skx7zw44dq-et.a.run.app/mentoring> – Web Version

Tested on: Windows 11, Chrome Version 135.0.7049.116

Date Found: May 06, 2025

Bug Description:

The mentor search functionality only returns results when full words or exact matches are entered. Partial matches (e.g., "Anya For") do not return any results, making it harder for users to find mentors efficiently.

Steps to Reproduce:

1. Navigate to the /mentoring page.
2. Try searching for a mentor using a partial name like "Anya For".
3. Observe that no results are returned.
4. Now try searching with full name "Anya Forger" or just "Anya" – results appear.

Expected Result:

Search should support partial word matching (e.g., "Anya For" should return "Anya Forger").

Actual Result:

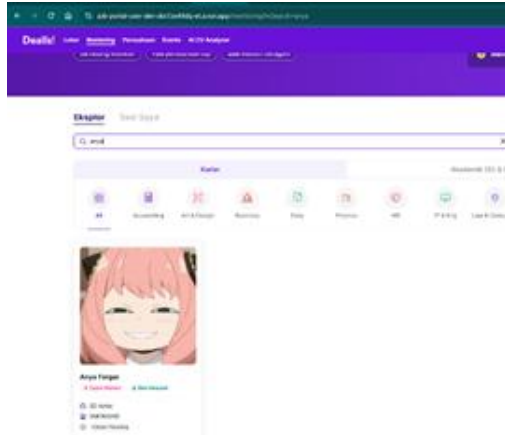
Search only works with exact words or full names.

Suggested Fix:

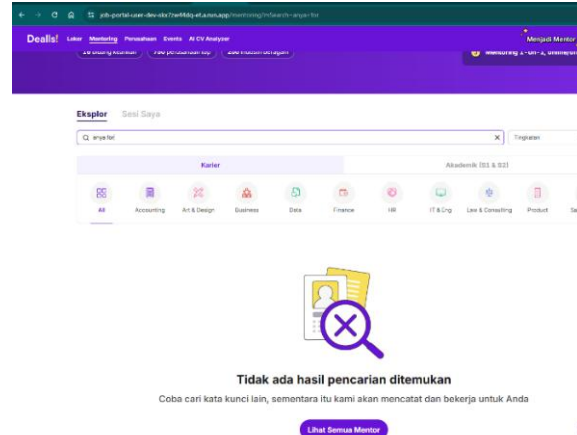
Implement fuzzy or partial search capability to improve user experience and discoverability of mentor profiles.

Evidence:

Before



After



ID: Bug-Mentoring-ProposeSchedule-0001

Title: Unable to See Mentor's Availability When Proposing Schedule

Severity: High

Environment: <https://job-portal-user-dev-skx7zw44dq-et.a.run.app> – Web Version

Tested on: Windows 11, Chrome Version 135.0.7049.116

Date Found: May 06, 2025

Bug Description:

When users try to propose a mentoring schedule, the calendar UI does not indicate the mentor's available dates. As a result, users may unknowingly select an unavailable date range and encounter an error without any guidance on which dates are valid.

Steps to Reproduce:

1. Navigate to the mentoring page.
 2. Choose "Anya Forger" as the mentor.
 3. Click **Propose Mentoring Schedule**.
 4. Select a date range: June 30, 2025 – July 2, 2025.
 5. Observe the error: "Please select only the available date range".
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Expected Result:

Mentor availability should be visible on the calendar so users can select only available dates.

Actual Result:

No availability is shown, and users receive an error without being guided to the correct date range.

Suggested Fix:

Display mentor availability on the calendar UI to help users propose valid date ranges without trial and error or disable the date range if unavailable.

Evidence:

Lakukan Pendaftaran Sesi Mentoring dengan

Anyia Forger

3D Artist at 3MONOKRIS

Langkah 2 dari 4

Propose a schedule

Propose Date Range

30 - 02 Jul 2025

Please select only the available date range.

Propose Time Range (WIB)

HH:MM

~

HH:MM

+ Add Time Range Proposal

Location

Choose mentoring location

Pertanyaan untuk Mentor

kamu dapat menggunakan Bahasa Indonesia atau Bahasa Inggris

Torilalu Umum

Hindari pertanyaan yang terlalu umum yang bisa dijawab setelah menjelajahi contoh:
1. Bagaimana cara melamar kerja di Shopee?
2. Bagaimana cara diterima di Harvard?

Pilihan

Tentukan tujuan kamu untuk sesi ini & personalisasikan pesan, contoh:
Saya bercita-cita masuk ke Harvard & saya sudah melakukan penelitian tetapi saya perlu bimbinganmu dalam memilih program yang tepat untuk tujuan karier saya.