Citi

Singapore ICG Technology

Citi HackOverflow 2023 Participant Handbook

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01 Overall Schedule

Overall Schedule

VIRTUAL				ON SITE

Mon, 4 Sept

Virtual Kick-off

Tue, 5 Sept

Solution Brainstorm Sessions

Hack Away!

Wed, 6 Sept

Hack Away!

Mentor Sessions (Optional)

Thurs, 7 Sept

Hack Away!

Fri, 8 Sept

Hackathon Presentation Day

Prize Presentation

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02 Mentor Sessions

Mentor Sessions

Each group will be given a 30-min **virtual** mentoring session with a Citi mentor

- Advice from a seasoned Banking Tech professional

Wednesday, 6 September 2023 @ 2PM – 430PM

- Zoom Meeting URL: https://citi.zoom.us/j/7556592004?pwd=ZXZhL2J3Yk1MNytlbUdSRURzUTlTUT09
- Zoom Meeting ID: 755 659 2004
- Zoom Meeting Passcode: 750570
- If you wish to opt out, drop us an email:
  - Email DL: citi.tech.hackathon@citi.com
  - Subject: *Team Name – Citi HackOverflow 2023 (Mentor Session)*

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Mentor Sessions Schedule

✏️	2pm – 2.30pm	• Bella Ciao • Brownies • Busy Bees
📎	2.30pm – 3pm	• Caching Arrays • Citi Dream / DreamCiti • Citi Surfers
🔄	3pm – 3.30pm	• CityHackers • Dolphins • FinBros • JPD • Optimize Prime
🌐	3.30pm – 4pm	• OUIKEN DUEET • Siddi Bank • Team Alpha • Team Pandas • Team Phoenix Men
✏️	4pm – 4.30pm	• Westies

03 Problem Statement

Problem Statement

Generative AI in Banking

Background:

In the ever-evolving landscape of banking technology, Generative AI has emerged as a powerful tool with the potential to revolutionize various functions in the middle office to back-office operations. Over the long term, it has the potential to revolutionize all functions across our bank, changing how we write code, onboard clients, service customers, detect fraud, develop market research and strengthen compliance and controls. This hackathon aims to explore the capabilities of Generative AI to address technology focused challenges and improve efficiency, accuracy and decision making in banking.

Challenge:

The challenge of this hackathon is to develop a Proof of Concept (PoC) using Generative AI, to solve or improve the following problems faced in banking operations. Participants are encouraged to think innovatively and propose solutions that can make a tangible impact on banking operations.

Select **one** of the following problem statements to develop a PoC.

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Problem Statement

Problem Statement #1:
Real Time Risk Management

In the fast-paced realm of financial markets, real-time risk assessment is paramount to safeguarding investments. However, current risk management tools often lack the narrative context required to comprehensively understand emerging risks and provide insights.

Design a PoC that <u>transforms market data into informative narrative risk insights</u> to equip financial professionals with actionable insights, empowering them to <u>proactively manage risks</u>.

Problem Statement #2:
Knowledge Management in Banking

In the banking sector, complex enterprise applications serve as the backbone of operations. However, varied levels of detail, organizational methods and scattered data hamper information accessibility. This lack of cohesion makes data hard to locate, understand and integrate, leading to inefficiencies and hindering productivity.

Develop a PoC to <u>centralize application knowledge and offer instant answers</u> to users on functionality, architecture and related aspects to <u>enhance efficiency of information retrieval.</u>

*Code submission is **MANDATORY**

Problem Statement

Technical Considerations

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1	You have the freedom to choose any programming language and technology stack **suitable** for your PoC.
2	You should focus on developing a **demonstratable** PoC that highlights the **potential benefits** of your solution in transforming banking operations.
3	You are free to leverage **publicly available data sources** as part of your solution development.
4	You are required to build a deliverable with a **functional code base**; solely UI-based wireframe solutions (e.g. Figma) will not be considered as final submissions.
5	Include the link for any project/template/framework used in your solution, so that we can accurately judge the amount of work done during the hackathon.

Judging Criteria

Criteria	Points	Considerations
Impact & Relevance	10	• Does the proposed solution address the problems for the targeted user group and achieve its intended outcomes? Does it address the identified problems completely and is fully relevant to the selected problem statement? • Is the proposed solution feasible and contains potential for future enhancements? • Does the solution have business viability, and can the ideas be brought to market after development?
Technical Design & Implementation	10	• How technically challenging were the requirements that the team set out to address? • Was the architecture of the proposed solution well-designed? • How well was the team able to demonstrate an actual working solution with implemented features? (Note: code submission is mandatory)
Innovativeness	10	• Is the idea clear and feasible? • How unique and creative is the proposed solution? • Does the solution offer a new and inventive approach to solving the problem?
User Experience	10	• How intuitive and user-friendly is the proposed solution? Can users easily navigate and interact with it? • Is the UI design easy to understand and easy to use? • Is the UI design consistent throughout the application's various interfaces? • Is the team able to demonstrate a well-designed user interface catered to various groups of users?
Presentation	10	• Was the team's presentation clear, concise, engaging and coherent? • Did the team effectively communicate the key features of their proposed solution? • Did the team clearly illustrate how the solution will benefit the various stakeholders involved? • Was the product demonstration presented smoothly and successfully? • Was the team able to conduct Q&A with confidence, addressing judges' concerns to the point?

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04 Submission Guidelines

Submission Guidelines

Deliverables

- GitHub code repository (ensure repo is made public)

- Presentation deck (to be included in code repository)

Submission is due Friday, 08 September 10 AM (SGT):

- Teams to email the link to their code repository to <u>citi.tech.hackathon@citi.com</u> with _"Team Name – Citi HackOverflow 2023 Submission"_ by **08 September 2023 10AM SGT**

- Late submissions will not be entertained!

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Hackathon Rules

- The hackathon begins on 04 September 2023 at 1.30PM (SGT) and ends on 08 September 2023 10AM (SGT).

- You are expected to be present at the Citi Changi Office on Presentation Day, 08 September 2023, 12PM (SGT) to 6PM (SGT), unless previously raised.

- You are expected to generate your own ideas; plagiarised solutions will be disqualified.

- Your solution can only be developed within the above stated Hackathon duration.

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05 Presentation Day

Presentation Day

Friday, 8 September 2023 @ 12PM – 6PM

- Venue: 3 Changi Business Park Crescent S486026 - Tower 1 Level 1 Training Rooms

- Dress Code: Smart Casual with covered shoes, <u>no shorts allowed</u>
  *Hackathon T-shirt will be distributed on the day itself

- Bring along physical or digital (Singpass) **Singapore-issued identification** (i.e. NRIC/Student Pass) for entry into office premise

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Presentation Day

Time (SGT)	Event
12:00pm	Participant Registration
12:30pm	Admin Brief
1:00pm	Opening Speech by O&T Senior Leader + Q&A
1:20pm	Preliminary Presentation • 10 min per team (7 min pitch + 3 min Q&A)
2:45pm	Tea Break + Networking Session with Analysts
3:30pm	HR Information Session
3:50pm	Announcement of Finalists
4pm	Finals Presentation • 15 min per team (10 min pitch + 5 min Q&A)
5:15pm	Break
5:30pm	Closing Speech and Award Ceremony
6pm	End of Event

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Presentation Day

Please bring your own **laptops and relevant adaptors (for HDMI port)** required to connect to the projector. There will be no WiFi network provided at the venue. If you require internet access for your presentation, we recommend using your mobile hotspots.

Preliminary Presentation

- All participating groups will be presenting your pitch and proposed solution to a panel of judges onsite at Citi Changi Office, on 08 Sept (Fri) afternoon.

- 10 min presentation
  - 7 min pitch and product demo
  - 3 min Q&A

Finals Presentation

- Top 4 groups will be selected for the finals happening on the same day in the evening.

- 15 min presentation
  - 10 min pitch and product demo
  - 5 min Q&A

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06 Prizes

Prizes

1st Prize

- Lunch and Career Discussion with a Managing Director
- Exclusive Citi merchandise

2nd Prize

- 1-on-1 Career Coaching with HR
- Exclusive Citi merchandise

3rd Prize

- Fusion Center Tour
- Exclusive Citi merchandise

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07 Live Q&A Channel

Q&A

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Runs from Mon, 4 Sept till Fri, 8 Sept

All the best and we look forward to seeing your solutions!