

Today's Hackathon Goal and Evaluation Criteria

Your Task

Identify a problem suitable for **Agentic AI**, assess its impact, redesign the process, and outline an initial technical implementation architecture

Deliverables

- 1 **Slidedeck for the Pitch**
(5 min max.)
- 2 **Github Repository**

Evaluation Criteria

Solution Impact

10 Points

Clear Problem Statement
Degree of Innovation
Business Impact
Scalability

Technical Implementation

10 Points

Process Flow Design
UI/UX Mockup
Choice of Frameworks
Application Architecture
Working Prototype

Pitch

5 Points

Clear Structure
Visual Design
5 Minutes
(hard stop)

Provided Resources



Access to the Azure Cloud

50\$ per Team provided by us

Additional resources available via the Student Discount



Microsoft Coaches to help along the way

Feel free to approach anyone of use for questions regarding technical setup, business case elaboration and pitch preparation :)



Starter Code on Github

For the technical setup use our Github Repository as a starting point

aka.ms/stud-hack

Inspiration – Some topics



AI in Sales:
Advancing
Customer
Interaction



Future of Work:
Digital
Transformation



Hack for
Marketing AI
Assets



The future of
education:
Utilizing AI as a
learning tool



Building
Trustworthy and
Secure Systems



Innovating for a
sustainable and
inclusive future

Tips & Tricks – How to stay organized today

10:00 – 10:30 AM

Starting –
Hackathon Start



10:30 AM – 11:00 AM

Ideation –
Identify a real-world
issue to address using
Agent(s)



11:00 AM – 11:30 AM

Architecture –
Develop a high-level
Process Flow for the
Agent(s)



15:30 PM – 16:00 PM

Pitch Training –
Get Ready to Present to
the Jury



14:00 PM – 15:30 PM

Presentation –
Develop a captivating
pitch



11:30 AM – 15:30 PM

Implementation –
Deploy the solution
using Microsoft Azure

Frequent mistakes in Hackathons:

- Pitch focus – Postponing the beginning of the presentation development
- Problem fit – Failing to define a clear problem statement
- Lack of clarity – Explaining the solution with excessive technical detail
- Poor team coordination – Few team members actively engaged in addressing the problem
- Flat Presentation Style – A monotone or overly scripted delivery can make a great idea seem dull

Tips & Tricks – How to stay organized today

10:00 – 10:30 AM

Starting - Hackathon Start

Now is the moment to focus and get to work! Begin by connecting with your team members and arranging your group's activities. Discover each person's skills and, importantly, identify shared interests and a general topic that you can later narrow down for your project.

- What abilities does each member of the group possess?
- Who will take charge of which specific duties?

Important Questions

10:30 AM – 11:00 AM

Ideation - Identify a real-world issue to address using Agent(s)

Consider practical problems that contemporary Agentic AI can tackle and attempt to measure the scale or impact of these issues.

- What issues do you observe in your personal, universal, or professional environment, and how can these issues be broadly applied?
- What data or statistics back up the problem statement?

11:00 AM – 11:30 AM

Architecture - Develop a high-level Process Flow for the Agent(s)

It is time to start with some high-level thoughts on how the information should flow between the Agents and what the input and output should be.

- How does the information flow within the Agent Architecture?
- Which processes can be automated, which require AI systems (like LLMs), and at what points is user feedback essential?



15:30 PM – 16:00 PM

Pitch Training – Get Ready to Present to the Jury

Its time to prepare for the pitch and to practice the presentation.

- What strategies can be used to impress the jury with a smooth and effective presentation?

Important Questions

14:00 PM – 15:30 PM

Presentation – Develop a captivating pitch

This section is crucial since we do not anticipate you to present a complete, functioning technical solution. A strong concept paired with an effective pitch holds significant potential.

- How can we get the attention of the audience at the beginning of the pitch?
- How can the technical solution be translated for non-technical people?
- What are creative ways to present?

11:30 AM – 15:30 PM

Implementation – Deploy the solution using Microsoft Azure

Based on the details provided in our presentation and your expertise, aim to advance the solution as much as possible. A helpful tip: Feel free to utilize any LLM to assist you by using Microsoft Azure Foundry.

- In what ways can the Architecture be implemented in code?
- What are the essential criteria to effectively demonstrate the AI Agents?

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