HES - Volunteering Program Verification Form

This form is to be used to document volunteering hours. If a student volunteers for multiple organizations, a separate form must be used for each organization. This form must be turned in by the 28th of each month, the latest.

I certify that the scholar Hiba Sakoul completed a total of 10 hours of service at InnovaThrive.

The hours were completed hours as per the below:

Hours # 0 (date) _2/12 – 6/12_ (initials of supervisor)A.K
Hours # 5 (date) _9/12 – 13/12_ (initials of supervisor)A.K
Hours # 5 date) _16/12 - 20/12 (initials of supervisor)A.K
Hours # 0 date) _23/12 - 27/12 (initials of supervisor)A.K

Brief description of the activities the scholar performed or participated in:

In November, my research focused on AI and machine learning in predictive policing. I explored how AI technologies, like data analysis and risk assessment algorithms, help law enforcement predict and prevent crime. Police departments are using AI to optimize resource allocation, with studies showing reductions in crime rates in areas where predictive policing is implemented. While the advantages include more efficient law enforcement, ethical concerns about profiling and civil liberties arise. A major challenge is ensuring transparency in AI algorithms, and future research should focus on balancing predictive policing with community engagement.

In December, I examined the role of AI in smart city development, focusing on how technologies like IoT devices and data analytics improve urban living and infrastructure. AI applications, such as smart traffic management and public safety systems, have led to improvements in urban efficiency. However, issues like privacy concerns and equitable access to smart city resources remain significant challenges. Future research should aim to develop sustainable AI solutions that address these challenges while promoting efficient, equitable urban development.

Written feedback about the scholar's performance:

Hiba's research on predictive policing and smart cities was comprehensive. She balanced the potential benefits of AI in law enforcement and urban efficiency with challenges like privacy and

Please rate the overall performance of the scholar at your organization:

	Mastery (5)	Proficient (3)	Emerging (1)
Problem solver	X		
Engaged & Committed	Х		
Open-minded & multicultural	Х		

Signature & stamp <u>Andrew & Kahwaji</u>

Printed Name <u>Andrew El Kahwaji</u>

Date <u>26/12/2024</u>

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