At AgrAIdea, we are a dynamic team driven by innovation, creativity, and a passion for solving agriculture’s most pressing challenges through AI-driven solutions. Our current focus is on transforming the way people engage with the rich heritage of Medina’s dates and trees. Rather than presenting information in traditional formats, we are building a virtual reality world that allows users to explore and enjoy the beauty and significance of these natural wonders in an immersive, interactive environment. Our mission is to merge technology with agriculture, offering unique experiences that connect people with the history and culture of Medina in exciting new ways.

**Our Team Members**

Youssef ElNahas – Project Manager: - I am an AI student at the University of Prince Mugrin, with a strong foundation in leadership, problem-solving, and creative thinking. My passion for artificial intelligence drives me to explore innovative solutions to complex challenges. I take pride in leading projects that blend technology with practical applications, always aiming to create impactful and forward-thinking solutions.

Mohammed Sattar – Primary Researcher: - I'm an AI student at the University of Prince Mugrin, passionate about exploring the dynamic field of artificial intelligence. I possess strong critical thinking skills that enable me to analyze complex problems effectively. With technical expertise in various AI tools and methodologies, I am well-equipped to tackle challenges in this rapidly evolving domain. Additionally, my adaptability allows me to thrive in diverse environments and embrace new learning opportunities.

Abubakar Waziri – Primary AI Developer: - As an Artificial Intelligence student at the University of Prince Mugrin, I am dedicated to advancing my expertise in the rapidly evolving field of AI. My skill set encompasses Data Handling and Analysis, where I leverage statistical techniques to extract meaningful insights from complex datasets. I am proficient in Machine Learning (ML), applying algorithms to develop predictive models that enhance decision-making processes. Additionally, my programming skills in Python enable me to implement efficient solutions for various AI applications, making me well-equipped to contribute to innovative projects in this dynamic domain.

Hamza AlKaf – Primary Data Analyst: - As an AI student at the University of Prince Mugrin, I possess a strong foundation in artificial intelligence concepts and applications. My skill set includes data cleaning, allowing me to prepare and refine datasets for analysis. I'm also proficient in data visualization, enabling me to create clear and insightful representations of complex information. Additionally, my adaptability ensures I can quickly learn new technologies and approaches in the rapidly evolving field of AI. These skills position me well to tackle diverse challenges in artificial intelligence and contribute meaningfully to projects in this exciting domain.

Ahmad AlSulaimani – Documentation Lead: - I am an AI student at the University of Prince Mugrin. With a strong foundation in organizational skills, I excel at managing projects and timelines to ensure efficient workflows. My proficiency in various tools allows me to leverage technology effectively in my studies and collaborative efforts. I pride myself on my attention to detail, which helps me maintain accuracy and quality in all my work. I am passionate about exploring the complexities of artificial intelligence and look forward to applying my skills to innovative projects in the field.

**Our Contributions**

**Primary Research:**

**Secondary Research:**

**Dates Dataset:** ElNahas 12.5%, AlKaf 12.5%, Sattar 12.5%, Waziri 37.5%, AlSulaimani 25%

**Trees Dataset:**

**Labeling:** ElNahas 20%, AlKaf 80%

**Documentation:** ElNahas 90%, AlSulaimani 10%

**Video:** Sattar 26%, Waziri 26%, AlSulaimani 16%, ElNahas 16%, AlKaf 16%

**Summary of Contributions:** AlKaf 100%

**Team Information:** ElNahas 80%, Sattar 20%

**Licensing:** Sattar 100%