



Project title: Athena

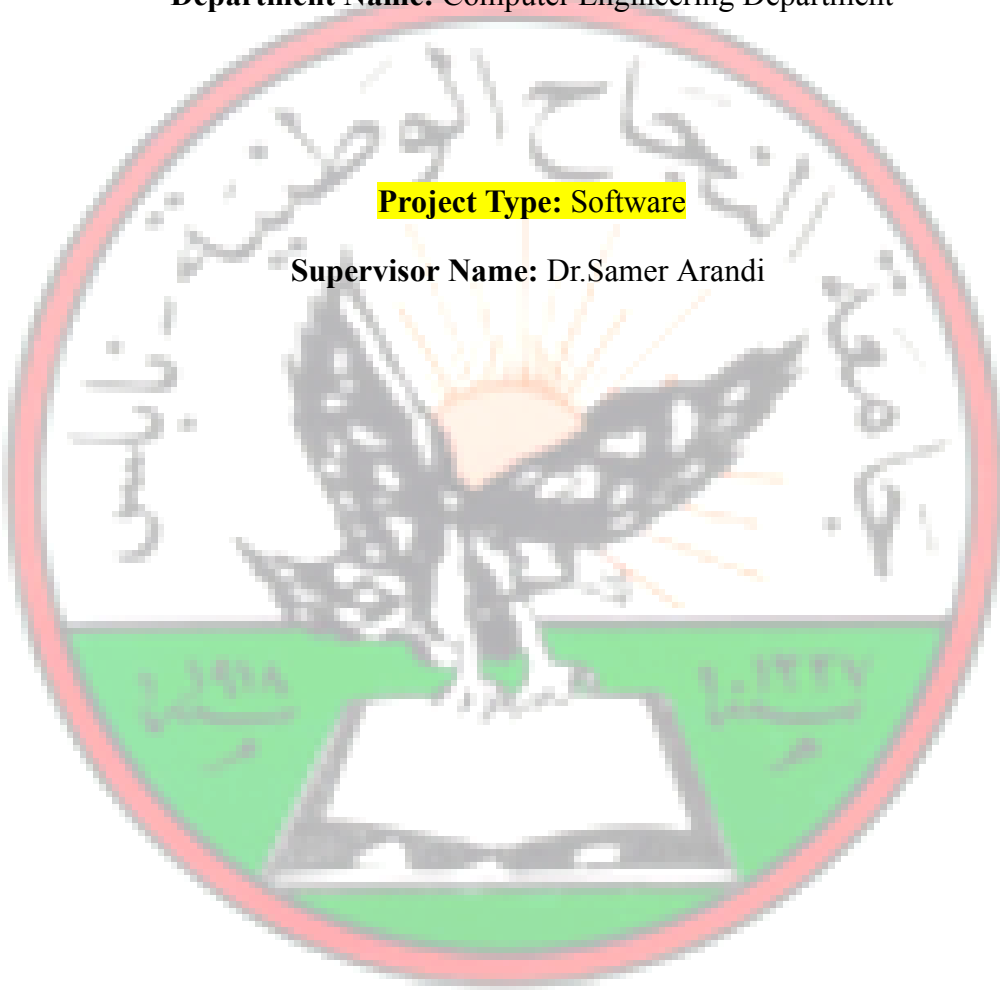
Academic Year: 2nd Semester, 2024/2025

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Department Name: Computer Engineering Department

Project Type: Software

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Project's Abstract:

Podcasting has grown into the most popular medium of education—entertainment and information sharing. With this object, it is intended to develop a specific audio content platform for content creators to share their works with listeners who will find it simple and smooth to discover, stream, and interact with audio content. This is unlike any mainstream affordable platform, localised or niche-specific alternatives, integrating unique features to better serve user needs.

The platform will focus on delivering a seamless user experience, efficient content management, personalised recommendations, and interactive social features such as ratings and comments. It will focus on both web and mobile users, ensuring that users can access the system across devices while safeguarding strong authentication and content protection measures. These users will have wide auditory entertainment besides listening to their favourite podcasts.

The development process will adhere to a staged approach, research and planning to learn about user requirements and market trends, then UI/UX design to develop an intuitive interface, backend and frontend development to create a responsive and scalable solution, testing before deployment.

While Spotify and Apple Podcasts are the big players in the market, this project will differentiate itself by focussing on niche content, community engagement and discoverability for independent creators. By solving the limitations of mainstream platforms, this solution will provide a unique and engaging experience for both creators and listeners.