

# Pen Craft

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**Abstract:** *The Pen Craft Python project is a comprehensive endeavor aimed at developing a sophisticated writing enhancement platform integrating Django web framework with machine learning capabilities. This platform caters to three distinct user roles: admin, master writer, and writer. Each role possesses specific functionalities tailored to their responsibilities within the platform. Writers, upon regular login, gain access to a user-friendly interface allowing them to view masterwriters, submit writings, view marks, and access journals. The platform enables writers to upload various forms of writing, including essays and poems, for evaluation and improvement. Master writers, with their login credentials, can oversee writers' activities, including reviewing submissions and assigning marks. Admins wield comprehensive control over the platform, including the ability to view marks, manage user accounts. Additionally, admins have access to dashboards for monitoring platform activity and managing user roles. The development of this platform encompasses HTML, CSS, Python-Django, and machine learning technologies. By seamlessly integrating these components, the project aims to provide users with a unified environment for improving writing skills, receiving feedback, and fostering a collaborative writing community. Through meticulous design and implementation, the platform aims to empower users to become more proficient and confident writers. By leveraging machine learning for personalized recommendations and feedback, the project seeks to revolutionize the landscape of writing enhancement tools, fostering a culture of continuous improvement.*

**Keywords:** Master Writer, Plagiarism Checker, Writing Feedback, Personalized Recommendations