

CI/CD

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Introduction

Introduce the UdaPeople product and its mission to help small businesses care better for their most valuable resource: their people.

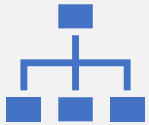
Explain that in order to achieve this mission, the development team needs to implement a continuous integration/continuous delivery (CI/CD) pipeline to ensure that the product is delivered to customers quickly, efficiently, and with minimal errors.

What is CI/CD?

Define CI/CD in simple terms and explain that it is a process that allows developers to automatically build, test, and deploy software changes to the production environment without human intervention.

Emphasize the importance of automation in today's fast-paced business environment and how it can help the UdaPeople team stay competitive.

Benefits of CI/CD



Highlight the key benefits of CI/CD that align with the values of the UdaPeople organization:



Faster time-to-market: By automating the build, test, and deployment process, the UdaPeople team can release new features and updates to customers more quickly, increasing revenue potential.



Improved quality: By automating testing and catching errors early in the development process, CI/CD helps to reduce the number of defects in the product, which protects revenue and reduces costs associated with customer support and bug fixes.



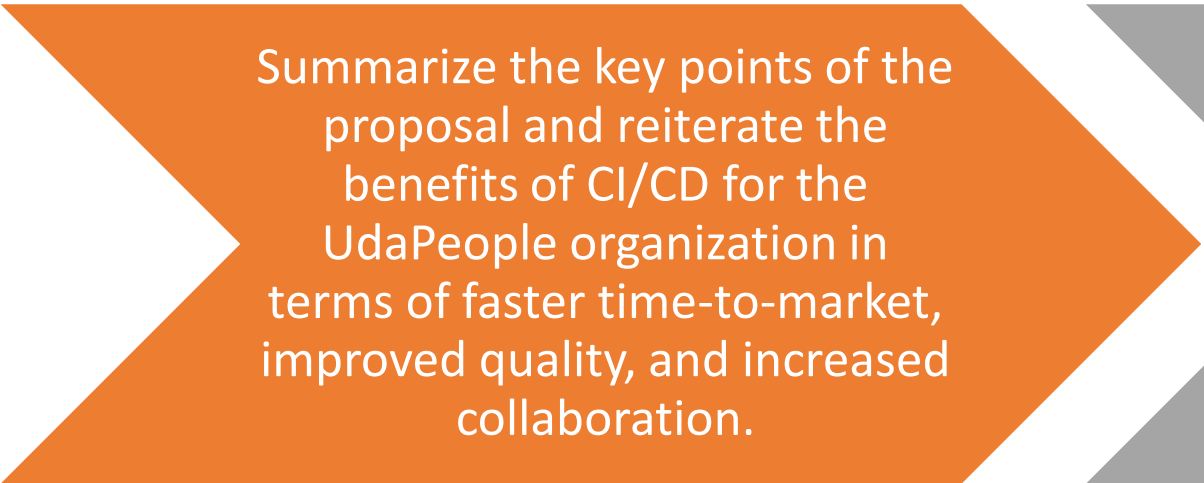
Increased collaboration: By integrating changes from multiple developers automatically, CI/CD promotes collaboration among the UdaPeople team and helps to speed up development process.

Implementation

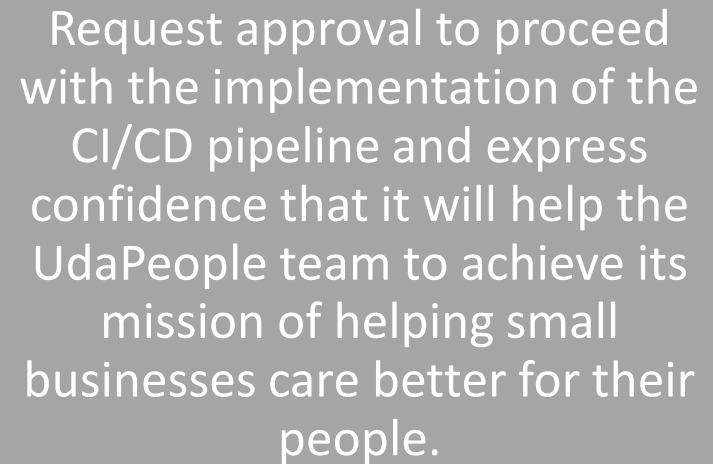
Outline the steps the development team will take to implement the CI/CD pipeline, including setting up automated builds, testing, and deployment processes.

Explain that the team will work closely with the IT department to ensure that the pipeline is properly integrated into the existing infrastructure.

Conclusion



Summarize the key points of the proposal and reiterate the benefits of CI/CD for the UdaPeople organization in terms of faster time-to-market, improved quality, and increased collaboration.



Request approval to proceed with the implementation of the CI/CD pipeline and express confidence that it will help the UdaPeople team to achieve its mission of helping small businesses care better for their people.