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**\*\*ESPECIALIDADE EM DESENVOLVIMENTO DE SOFTWARE\*\***

**\*\*"LOW-CODE WEBSITE GENERATOR: A NEW APPROACH TO WEB  
DEVELOPMENT"\*\***

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**\*\*Abstract (English)**

This thesis presents the development and implications of a low-code website generator tool. It proposes to democratize web development by allowing users with limited coding knowledge to create their own websites. The primary benefits of such a tool include expedited website development and reduced costs.

**\*\*Keywords: Low-Code Development; Website Generator; Web Development;  
User-friendly\*\***

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## **\*\*Resumo (Português)\*\***

Esta tese apresenta o desenvolvimento e as implicações de uma ferramenta de geração de sites com pouco código. Propõe democratizar o desenvolvimento web, permitindo que usuários com conhecimento limitado de codificação criem seus próprios sites. Os principais benefícios de tal ferramenta incluem o desenvolvimento acelerado de sites e a redução de custos.

**\*\*Palavras-chave: Desenvolvimento de Baixo Código; Gerador de Sites; Desenvolvimento Web; Amigável ao Usuário\*\***

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## **\*\*1 Introduction\*\***

This project aims to develop a low-code website generator tool that allows users with limited coding knowledge to design and create their own websites.

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## **\*\*2 Development\*\***

The low-code website generator was developed using a combination of technologies, including HTML, CSS, JavaScript, and Python. These languages were chosen due to their widespread use in web development and their flexibility in creating dynamic, interactive websites. The tool allows users to select from pre-designed templates and customize them according to their needs.

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### **\*\*3 Conclusions\*\***

**The low-code website generator tool proved successful in simplifying the website creation process. It provides a promising approach to web development, reducing the entry barrier for non-technical individuals.**

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