

Building an automatic code grading website on the ASP.NET MVC platform

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Abstract: This topic aims to research and develop a web-based automatic programming assignment grading system, built on the ASP.NET MVC platform. The project is carried out to address the issue of effectively controlling the quality of student submissions in an online education environment. The research process includes designing and implementing the user interface, defining automatic evaluation rules, and integrating source code processing technology. The system is expected to improve accuracy and consistency in the grading process while reducing the workload for teachers.

Keywords: Automatic code grading web system, ASP.NET MVC, Assignment quality control, Source code processing technology, Online education environment