**ACKNOWLEDGEMENT**

We extend our heartfelt appreciation to **Websmith Solutions**, Rajkot, Gujarat, for their invaluable support and guidance throughout the development of the QRT project. Our sincere thanks to our External Guide, **Mr. Hardik Desani**, for his continuous mentorship, insightful inputs, and unwavering assistance during the course of this project.

We are grateful to our Internal Guide, Prof. **Jayesh Vagadiya**, for providing us with essential suggestions and advice that significantly contributed to the successful completion of our project. The collaborative efforts and co-ordination from both our external and internal guides have played a pivotal role in shaping the QRT project into a seamless and innovative solution.

Our gratitude extends to our parents, friends, and family members for their enduring support and encouragement throughout this endeavor. Additionally, we appreciate the cooperation of the company personnel at Websmith Solutions, who generously granted us permission to utilize and experience the valuable resources essential for the project.

In conclusion, we express our sincere thanks to the entire team at Websmith Solutions for their instrumental role in the completion of the QRT project. Their support has been crucial, and we are grateful for the enriching experience gained during this collaboration.

**With Sincere Regards**

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**ABSTRACT**

**The Company:** Websmith Solutions, a prominent software consulting company, excels in the design and implementation of scalable and dependable software solutions. Catering to a diverse clientele, including startups, agencies, banking, healthcare, retail, and e-commerce, Websmith Solutions plays a pivotal role in assisting forward-thinking organizations in their transformation and growth by providing tailored and innovative software consulting services.

**Methodology:** This report delineates the insights gained during the internship at Websmith Solutions, encompassing a structured approach to learning and application. The initial phase involved foundational courses and a meticulous review of documentation, leading to a deeper understanding of real-world challenges. Subsequent to this theoretical groundwork, the internship prioritized the practical application of acquired knowledge, ensuring a comprehensive and high-quality training experience.

**Key Parts of the Report:** The internship experience was centred around gaining proficiency in ASP.NET MVC C# and its application in the QRT project. On the user side, individuals interacted with the system through QR code scanning, accessing online food menus, and placing orders with online payments. On the admin side, the focus was on managing data feeding activities and implementing an efficient food delivery system to designated tables/seats in restaurants, theatres, and stadiums. The practical application of ASP.NET MVC C# in developing the QRT project provided valuable insights and hands-on experience in software development and project implementation.

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**LIST OF ABBREVIATIONS**

|  |  |
| --- | --- |
| IT | Arithmetical & Logical Unit |
| API | Software Development Life Cycle |
| RESTful | Symbolic Speed |
| JS | Efficiency |
| HTML | Hypertext Markup Language |
| CSS | Cascading Style Sheet |
| ECMA | Environmental Management and Coordination Act. |
| ISO | International Organization for Standardization |
| C# | C Sharp |
| .NET | Network Enabled Technologies |
| VB.NET | Visual Basic .NET |
| ORM | Object–relational mapping |
| ASP.NET | Active Server Pages .NET |
| SQL | Structured Query Language |
| T-SQL | Transact-SQL |
| SSMS | SQL Server Management Studio |
| IDE | Integrated Development Environment |
| GUI | Graphical User Interface |
| OS | Operation System |
| XHTML | Extensible Hypertext Mark-up Language |
| PDA | Personal Digital Assistant |
| DOM | Document Object Model |
| PHP | Hypertext Preprocessor |
| POS | Point of Sale |
| CSV | Comma Separated Values |
| JSON | JavaScript Object Notation |
| CRUD | Create, Read, Update and Delete |
| AJAX | Asynchronous JavaScript And XML. |
| ASP | Active Server Pages |

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