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Titolo Software Testing and User Experience

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Nota di contenuto Cover -- Title Page -- Copyright -- About The Author -- Contents -- List of Figures -- List of Tables -- List of Abbreviations -- Preface -- Chapter 1: Introduction To Software Testing -- Unit Introduction -- 1.1. Quality Process -- 1.2. Quality Plan -- 1.3. Quality Process Monitoring -- 1.4. Verification And Validation -- 1.5. Functional And Model-based Testing -- 1.6. Testing Levels -- Summary -- Review Questions -- Multiple Choice Questions -- References -- Chapter 2: Types Of Software Testing -- Unit Introduction -- 2.1. Unit Testing -- 2.2. Unit Testing In Introductory Courses -- 2.3. Test-driven Development (TDD) -- 2.4. Unit Testing In Java With Junit -- 2.5. Extensions And Advanced Features -- 2.6. Unit Testing For Automated Project Grading -- Summary

Sommario/riassunto This book by Nastaran Nazar Zadeh provides a comprehensive exploration of software testing and user experience design. It covers various types of software testing, including unit, integration, system, and usability testing, highlighting their strengths, weaknesses, and best practices. The book emphasizes the importance of integrating user experience design throughout the software development process to ensure intuitive and efficient applications. Aimed at software developers and engineers, it offers insights into testing methodologies, user experience fundamentals, and effective strategies for conducting

tests. The author, an experienced computer engineer, combines her expertise in robotics, artificial intelligence, and computer science to deliver cutting-edge knowledge and practical guidance.