4

4Ws+H, 23

A

academic writing style, 87 acceptance test, 72 agile, 36 APA, 85 automated testing, 69

B

bibliography style, 85 bottom-up, 25, 26 business layer, 77

С

citation, 87 communication style, 20 component cest, 72 conceptual database design. See data modeling cover page, 81, 87

D

Data Flow Diagrams, 39 data layear, 77 data modeling, 57 database design, 39, 41, 56, 57, 59, 61, 84 debugging, 62, 77 deliverable, 32, 87 development cycle, 40 development environement, 69 development paradigms, 76 development process, 36, 43, 69, 79 DFD. See Data Flow Diagrams

E

Eclipse, 66 electroinc postbox, 91 electronic medium, 89 Entity Relationship Diagram, 58, 61 ERD. See Entity Relationship Diagram ES. See Executive Summary Executive Summary, 81, 82 Extensible Markup Language, 60

F

final year project, viii, 14, 16, 21, 34, 42, 46, 49, 56, 61, 65, 69, 72, 79, 87, 88, 89, 91, 93 first cut project plan, 29 flexibility, 50 funcational requirements, 49 functionality, 39, 44, 45, 46 FURPS+ model, 49

G

Gang of Three, 39 Gantt chart, 23, 28, 30, 32, 33 general-purpose system, 39 granularity, 53, 55

H

Harvard citations, 85

Ι

IDE. See Integrated Development Environment implementaion phase, 68 implementation, 14, 62, 63, 65, 66, 68, 69, 76 Integrated Development Environments, 63 Interactive Ruby, 66 interface classes, 77 interface test, 72, 77

L

late submission, 22

Download free eBooks at bookboon.com

licensed. See Proprietary licensed software. See properaitory Software

М

methodlogy, 35 Microsoft Visual Studio, 66 milestone, 32, 33, 34 mixed-mode apporach, 39 Model View Contoller, 36 multitasking, 29 musth have, 47 MVC. See Model View Contoller

Ν

nice to have, 47 non-functional requirements, 49

0

Object Oriented Database Management Systems, 61 Object Relational Models, 57 object-oriented, 77, 78 object-oriented design, 40 OO. See object-oriented OODBMS. SeeObject Oriented Database Managemen, See Relational Database Management System open source, 64, 66, 88 Oriented Database Management System, 57 ORM. See Object Relational Models

Р

parallelism, 29 performance, 45, 46 physical database design. See database design physical medium, 89 presentation, 26, 29, 32, 87, 93, 95, 97, 98 presentation preparation, 95 presentation timing, 93 presentation venue, 95 programming environement, 62, 63 programming languages, 41, 62, 63 project diary, 33, 34, 92 project plan, 22, 34, 43, 46, 87, 92, 93, 95 project planning, 22, 23 project report, 49, 87, 92 project selection, 15, 38 project topic, 14, 16, 19, 20, 22 proofreading, 87 proprietary, 63, 64

R

RAD. See Rapid Application Development Rapid Application Development, 36 Rational Unified Process, 36 RDBMS. See Relation Databse Management Systems, See Relational Database Management System referencing, 87 rehearse, 98 Relation Databse Management Systems, 61 Relational Database Management System, 57 reliability, 45 requiremen specifications, 43 requirement management, 39, 42, 45, 46 requirement specisfication, 47 RUP. See Rational Unified Process

S

scheduling, 22, 26, 31 scientific approach, 78 SDLC. See Software Development Lifie Cycle security test, 72 should have, 47 simplicity, 17, 25, 50 software development, 14, 22, 35, 36, 38, 39, 41, 42, 50, 56, 62, 64, 69 Software Development Lifie Cycle, 49

Download free eBooks at bookboon.com

software engineering, 22, 35, 36, 78 solution framework, 66 SQL. See Stanadrd Query Language Stanadrd Query Language, 59 structured, 37, 38, 41, 63 suitability, 17, 21 supervisor, 15, 16, 20, 21, 25, 26, 27, 28, 29, 32, 34, 38, 46, 65, 88, 92, 95, 97 supportability, 45

Т

Table of Contents, 81 test case, 69, 70, 72, 74, 75, 77 test scinarios, 69, 78, 92 test suite, 72 testing objectivies, 76 testing process, 69, 72, 76 testing techniques, 78 TOC. See Table of Contents top-down, 25 traditional programming, 63 traditionally implemented software, 76

U

UI. See user interface UML. See Unified Modeling Language Unified Modeling Language, 50 Unified Process, 36 unit test, 72 usability, 45 use case modeling, 39, 41, 50, 55 user interface, 39, 84 user test, 72, 78

V

V&V. See validation and verification validation, 78 validation and verification, 77 verification, 78 Visual Studio. See Microsoft Visual Studio

W

WAMP, 66 WBS. See Work Breakdown Structure Work Breakdown Structure, 24 writing the report, 79

Х

XAMPP, 66 XML. See Extensible Markup Language Xtreme, 36