

Professional Software Testing

Informacije o instruktoru

Instruktor

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Opšte informacije o kursu

Opis kursa

Professional Software Testing kurs je koncipiran tako da svi polaznici, bez obzira na predznanje, mogu da postanu QA inženjeri po završetku istog. Proći ćemo kroz osnovne pojmove koji su neophodni za QA proces, a nakon toga ćemo vam pokazati kako izgleda QA proces u stvarnom životu. Sam process se zasniva na analizi, dizajnu test planova, test scenarija, testova, izvršavanju napisanih testova i na kraju kreiranju bug-ova.

Upoznat ćete se sa osnovnim development metodologijama kao što je Agile, a otkrit ćete i kako se QA proces tu uklapa. Nakon što savladamo sve osnove, zajedno ćemo odraditi projekat u kojem ćete sve gore navedeno primjeniti i dodatno se upoznati sa bazama i web debugging alatima.

Očekivanja i ciljevi

Glavni cilj ovog kursa je da steknete sve potrebne vještine za QA inženjera koje ćete moći primjenjivati u svom budućem radnom okruženju.

Materijali/oprema potrebna za kurs

- Laptop

Poželjni materijali/oprema

Sveska I olovka

Raspored

Sedmica	Tema	Literatura	Vježbe
1	Introduction to QA		
1	Basics of QA		What we have learned today?
1	Basics of QA		What we have learned today?
2	Introduction of Time organization		Organization of your day
2	QA related Time organization		Organizing QA process
2	SDLC		
3	Test levels		Learning through practice examples the differences of test levels.
3	Test types		Learning through practice examples different test types
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4	QA related project		
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Week 1

- Introduction to QA
- Basics of QA
- Basics of QA

Syllabus:

- What is Testing
- Typical Objectives of Testing
- Testing and Debugging
- Why is Testing Necessary
- Testing's Contributions to Success
- Quality Assurance and Testing
- Errors, Defects, and Failures
- Defects, Root Causes and Effects
- Seven Testing Principles
- Test Process
- Test Process in Context

- Test Activities and Tasks
- Test Work Products
- The Psychology of Testing
- Human Psychology and Testing
- Tester's and Developer's Mindsets

Week 2

- Introduction of Time organization
- QA related Time organization
- SDLC

Syllabus:

- Agile
- Scrum
- Implementing Agile through some time organization tools
- Explain SDLC through real life examples

Week 3

- Test levels
- Test types
- Test types

Syllabus:

- Unit testing, Integration testing, System testing, Acceptance testing
- Non-functional testing types
- Functional testing types

Week 4

- Basics of Data Base through examples
- Gray box testing through examples
- Mini project:

Syllabus:

- Testing some web site or mobile app
- Analyzing project, creating your own test plan
- Writing test cases
- Test case execution