JURUSAN TEKNOLOGI INFORMASI

GRADUATE PROFILE OF INFORMATICS ENGINEERING STUDY PROGRAM

Software Engineer

Competency Profil:

1. Able to demonstrate knowledge and skills related to data collection models/methods.
2. Able to demonstrate knowledge and skills related to programming logic.
3. Able to demonstrate knowledge and skills related to database concepts.
4. Able to demonstrate knowledge and skills related to software development methods (SDLC).
5. Able to demonstrate knowledge and skills related to user-friendly software interface design.
6. Able to understand the supporting infrastructure for software development.
7. Able to analyze the needs of software application development.
8. Mastering the theoretical concepts of system design analysis.
9. Able to compile and create requirement analysis documents and software application specifications.
10. Able to make software engineering, and technology determination based on requirement analysis.
11. Able to implement software systems.
12. Able to conduct software trials in accordance with requirement analysis.

Software Quality Assurance Analyst

Competency Profil:

1. Able to demonstrate knowledge and skills related to various testing methods.
2. Able to demonstrate knowledge and skills related to software maintenance.
3. Able to choose a method that suits the testing needs.
4. Able to design test procedures.
5. Able to perform tests in accordance with the procedure.
6. Able to document test results.
7. Able to recommend test results as follow-up.

Information Technology Entrepreneur

Competency Profil:

1. Able to demonstrate knowledge and skills related to entrepreneurship.
2. Able to demonstrate knowledge and skills related to project management
3. Able to develop startup products

PROFIL OF GRADUATES

Software Engineer

A Bachelor of Applied Computer Science who is able to develop software applications in accordance with industry-standard mechanisms and work as a software consultant at software or application development companies.

Software Quality Assurance Analyst

A Bachelor of Applied Computer Science who can analyze market share opportunities and effectively describe the requirements for developing a comprehensive startup product in the field of information technology, ensuring it is well-received by the community.

Information Technology Entrepreneur

A Bachelor of Applied Computer Science who can analyze market share opportunities and describe the needs to develop a comprehensive startup product in the field of information technology, ensuring it is well-received by the community.