



ANALISIS KEBUTUHAN PERANGKAT LUNAK

TIM DOSEN





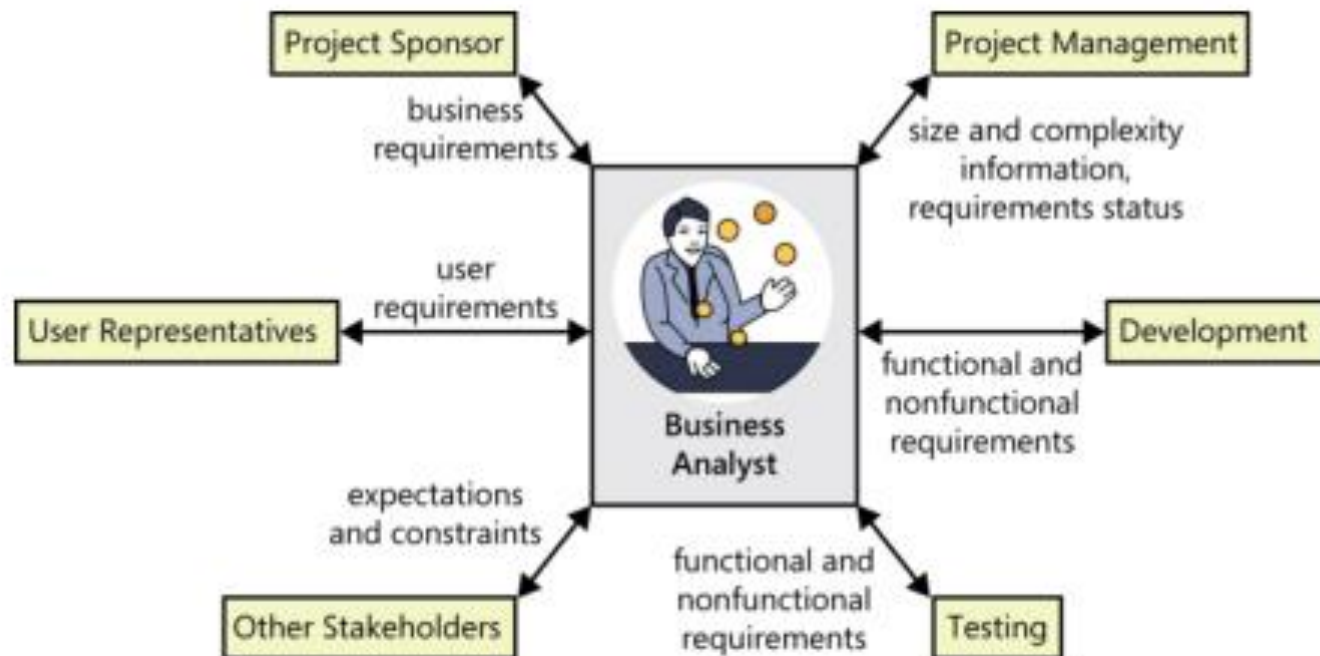
BUSINESS ANALYST



INTRODUCTION

- A business analyst enables change in an organizational context by defining needs and recommending solutions that deliver value to stakeholders
- The analyst elicits and analyzes others' perspectives, transforms the information collected into a requirements specification, and communicates the information to other stakeholders
- The analyst helps stakeholders find the difference between what they say they want and what they really need

BUSINESS ANALYST ROLE



BUSINESS ANALYST TASK

- Define business requirements
- Plan the requirements approach
- Identify project stakeholders and user classes
- Elicit requirements
- Analyze requirements
- Document requirements
- Communicate requirements
- Lead requirements validation
- Facilitate requirements prioritization
- Manage requirements

ESSENTIAL ANALYST SKILL

- Listening skills
- Interviewing and questioning skills
- Thinking on your feet
- Analytical skills
- Systems thinking skills
- Learning skills
- Facilitation skills
- Leadership skills
- Observational skills
- Communication skills
- Organizational skills
- Modeling skills
- Interpersonal skills
- Creativity

ESSENTIAL ANALYST KNOWLEDGE (I)

- They need to understand contemporary requirements engineering practices and how to apply them in the context of various software development life cycles.
- They might need to educate and persuade those who are not familiar with established requirements practices.
- The effective analyst has a rich tool kit of techniques available and knows when—and when not—to use each one.
- BAs need to thread requirements development and management activities through the entire project life span.
- An analyst with a sound understanding of project management, development life cycles, risk management, and quality engineering can help prevent requirements issues from torpedoing the project.
- In a commercial development setting, the BA will benefit from knowledge of product management concepts.
- BAs benefit from a basic level of knowledge about the architecture and operating environment, so that they can engage in technical conversations about priorities and nonfunctional requirements.

ESSENTIAL ANALYST KNOWLEDGE (2)

- The business-savvy analyst can minimize miscommunications with users
- Analysts who understand the organization and business domains often detect unstated assumptions and implicit requirements.
- They can suggest ways that users could improve their business processes or propose valuable functionality that no other stakeholder thought of.
- Understanding the industry domain can be particularly helpful in a commercial environment so analysts can offer marketplace and competitive product analysis.

THE ANALYST ROLE IN AGILE PROJECT

- Define a lightweight, flexible requirements process and adapt it as the project warrants.
- Ensure that requirements documentation is at the right level: not too little and not too much
- Help determine the best approach to document the backlog, including whether story cards or more formal tools are most appropriate.
- Apply facilitation and leadership skills to ensure that stakeholders are talking to one another frequently about requirements needs, questions, and concerns.
- Help validate that customer needs are accurately represented in the product backlog, and facilitate backlog prioritization.
- Work with customers when they change their minds about requirements and priorities, and help record those changes. Work with the rest of the team to determine the impact of changes on iteration contents and release plans.



KERJAKAN TUGAS ASINKRON PADA
SLIDE BERIKUTNYA



TUGAS ASINKRON

- Dikerjakan secara individu
- Ditulis tangan (hasil tulisan difoto)
- Dikumpulkan maksimal hari ini pukul 23.59

TUGAS :

1. Apa saja tugas dari seorang bisnis analis
2. Jelaskan 6 peran Busnis Analis
3. Apa saja skill yang dibutuhkan oleh seorang bisnis analis
4. Sebutkan 5 pengetahuan yang harus dimiliki bisnis analis
5. Jelaskan apa saja peran bisnis analis pada project agile