

# THE SUCCESS OF ROAD MANAGEMENT SYSTEM IN TANZANIA. EXPERIENCE FROM DIT?

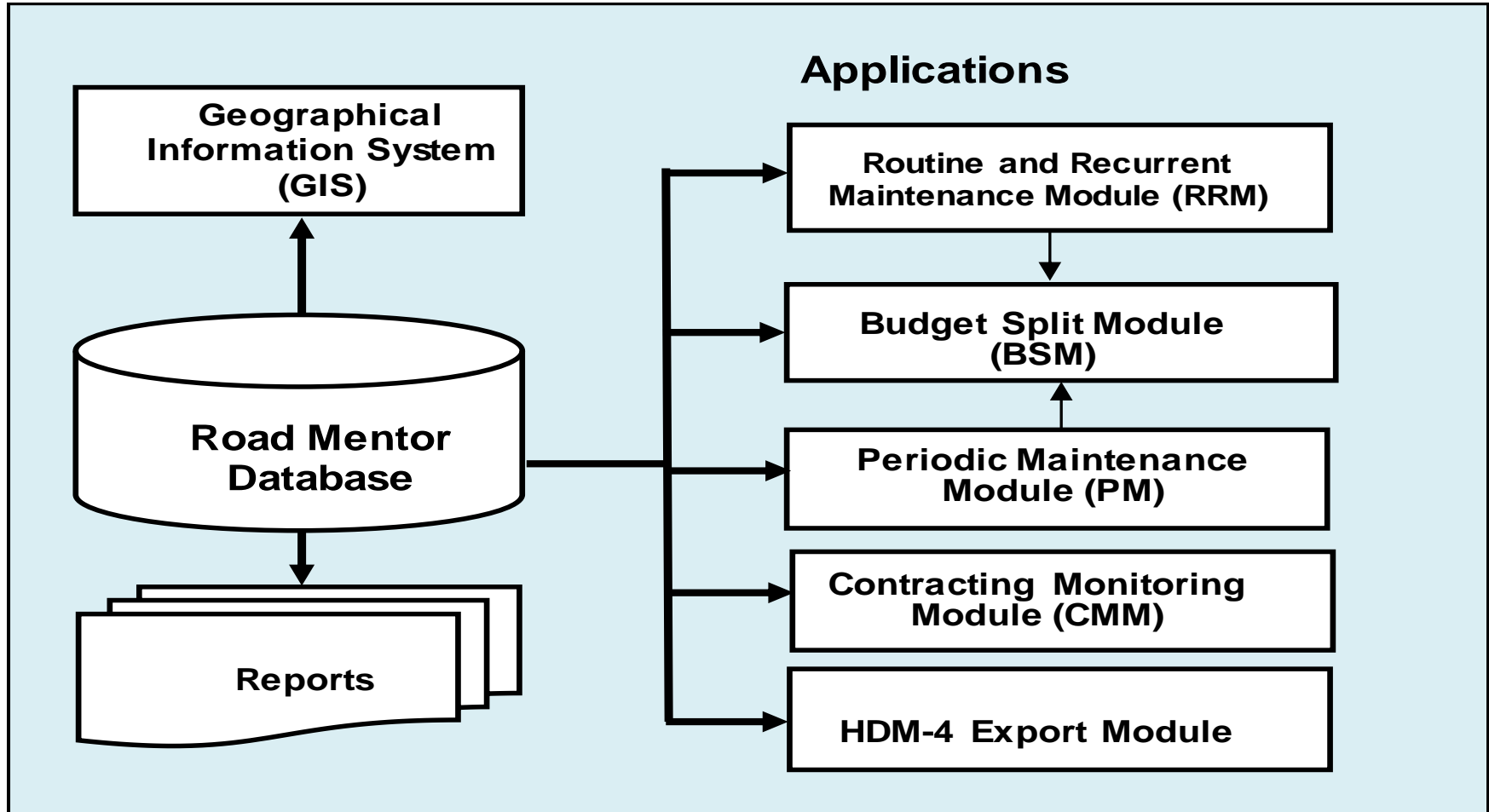
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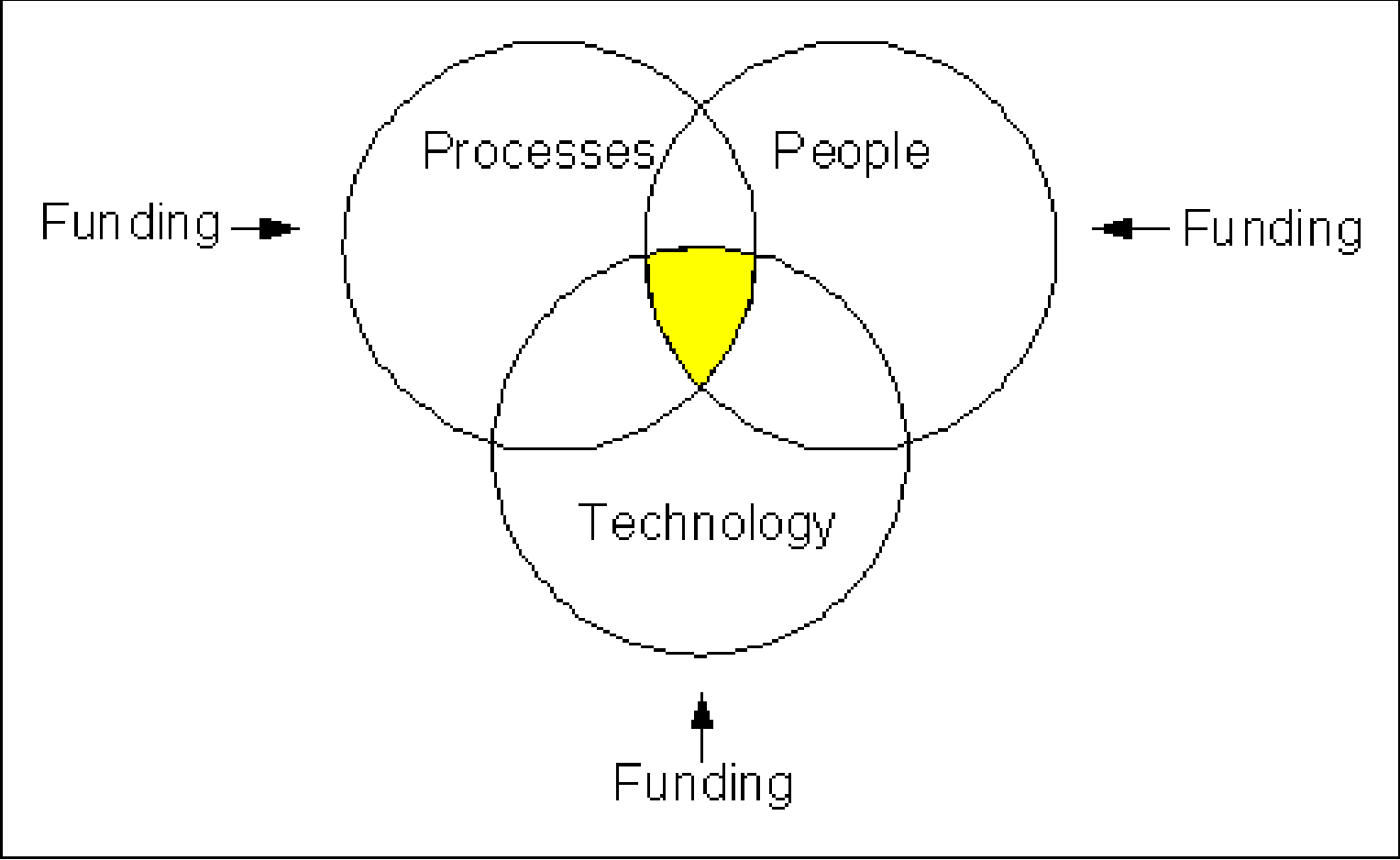
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# RMMS STRUCTURE



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# SUCCESS FACTORS FOR THE RMMS



# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

- ❖ 15 Key factors that associated with software system failure
- ❖ Avoid failure factors

# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

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## 1. Lack of user input

- ❑ Coherent in project. How developers, system analysts and system testers and clients approval
- ❑ Project completed but over budget
- ❑ Over time estimated
- ❑ But still offer fewer functionality



# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

2. Incomplete Requirements and Specification
  - ❑ Project should not includes everything every single user wants
  - ❑ What clients want system to do
  - ❑ How clients would use a new system



# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

3. Changing requirements and Specification
  - ❑ Stick to your scope
  - ❑ Scope creep changes the project time lines
  - ❑ Changing project definition is like a parasite that grow and grow until it kill the host

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# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

4. Lack of executive support 7.5 %
  - ❑ Widely support of project from top
  - ❑ Top mgmt. May Create an environment for technical team to succeed or fail
  - ❑ Funding



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# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

## 5. New Technology 4.3%

- ❑ Dynamism of Technology
- ❑ Technology incompleteness
- ❑ Technical team lack necessary skill to deal with technology
- ❑ Skill update



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# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

## 6. Lack of Resource 6.4%

- ❑ Purchase and supplies of necessary physical items
- ❑ Human resources is very challenging when imported



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# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

7. Unrealistic expectation 5.9%
  - ❑ Very higher expectation that are not realistic
  - ❑ Infrastructure of Implementation



# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

## 8. Unclear objective

- ❑ Project team may lose directions
- ❑ if not clear mile stone & deliverable



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# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...



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## 9. Unrealistic time frames 4.3%

- ❑ Time and schedule should be agreed from the beginning
- ❑ Any change should be agreed and document



# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...



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## 10. Does Not Need It Anymore

- ❑ Delay of project completion result into changings of clients' mind
- ❑ Changes of the needs
- ❑ Changes in business strategy, goal and objective of the organization



# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

11. Lack of IT Management 6.2%
  - ❑ Avoid loss of information
  - ❑ IT skill need update
  - ❑ On job training and motivation
  - ❑ Self motivation staff that are eager to learn new things



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# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

## 12. Lack of Planning 8.7%

- ❑ Server crashes,
- ❑ No back up strategies, No clear IT policy
- ❑ Project risks were not forecasted
- ❑ Project loose every things, fire outbreak
- ❑ Loos of key staffs,

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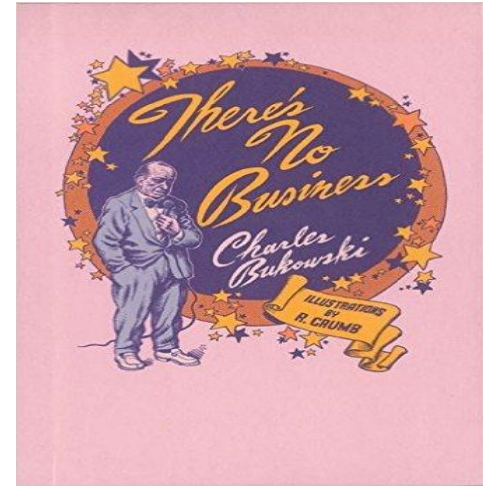




# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

## 13. No Business Case

- ❑ Projects with no future forecasting
- ❑ Matching Donor interest with client interest
- ❑ Show case project



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# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...



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## 14. Poor Risk Management

- ❑ Lack of identification of hazards and anticipation of risks
- ❑ No corrective measure



# WHY SOFTWARE SYSTEM DEVELOPMENT FAILS?...

## 15. Poor communication

- ❑ No awareness
- ❑ Only few staffs are evolved
- ❑ No horizontal communication
- ❑ No tangible results from the system



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Thanks

