

SSM ASSIGNMENT - I

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Future Software Project Management:-

Rapid technology improvement ensures increased efficiency & higher productivity in every business whether it is small or large.

Project management is an applied science that doesn't have any dimension.

Essentially, a project is a process that is meant to complete a service, a goal or product within a fixed budget, time and resource. In earlier days, projects had to be managed ~~by~~ at any cost to be completed. But there was no certain management process that was discovered to manage the process and projects.

The project Management can be understood with the help of below diagram.

Integration Management

Scope Management

Time Management

Process Groups

initiating

planning

Quality Management

Cost Management

Execution

monitoring & controlling

Closing

Human Resource Management

Risk Management

Communication Management

Procurement Management

Every manager's aim is to complete a project or task within the given time period and available resources that too in his/her control.

Today, the software has become more user-friendly. So, it has become a mandatory one to be known to the skills and aspects of software so that you can take out the project in an advanced way.

As per the project requirements, responsibilities of every team member will increase. Every team will need to be the best in their projects. Future projects are hoping to be totally paperless with the required information being shared over the internet.

Future trends in Software Project Mgmt:-

1. Artificial Intelligence (AI)

Of all the new technologies being adopted by project management teams. It is the application of AI within projects that will completely reshape project delivery.

In coming years, team members will call up Siri or Alexa on their mobile phones and verbally log their daily progress reports. Those status reports will include recommendations to the team on how to improve the performance.

2. Organizational Project Management

Within organizations today, there are grouping efforts to remove the gap between strategy development and strategic results. and organizational project management, encompassing portfolio, program and project management, is the key capability for bridging that gap.

3. Virtual Project Teams

In many organizations, core internal project teams are getting smaller, while the reliance on remote project professionals is increasing due to digitalization, workers do not need to be in the same physical location. They can be based anywhere in the world, working in virtual teams. - To be good in these things, virtual teams need good communication channels, such as slack etc.

4. Emotional Intelligence:-

With technology playing an increasingly central role in project management, demand for project managers with high level of emotional intelligence is growing. These are people who are known for getting the best out of themselves & members of their team. By focusing on emotional intelligence which is often considered a soft skill, we can increase both productivity & the quality of our teams.

5. Methodologies:-

As a result of becoming more widely dispersed and working remotely, project managers will rely on new ~~proj~~ processes to help them adopt a less traditional workflow. As they acclimatize to more flexible ways of working, they will need to be able to follow processes that are less rigid and more oriented.