

Building of the Future Jahanshahi Home

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M.S. in Project Management

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Granite State College

The Future Jahanshahi Home

- Purpose/Justification:
 - We will outgrow our current housing
 - Investment opportunity
- Objective:
 - Planned for a Three-Phase Approach
- Goals:
 - Build a home with a minimum of 4 bedrooms, 4 full bathrooms, with no less than 3,500 square feet, not to exceed a cost of \$850,000



Project Oversight

The many hats of the Project Manager (PM).



PM

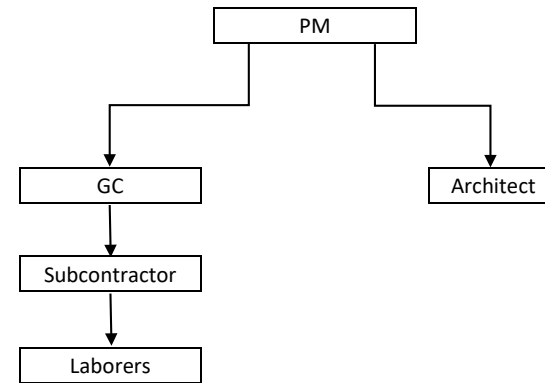


Project
Sponsor



Client/
Customer

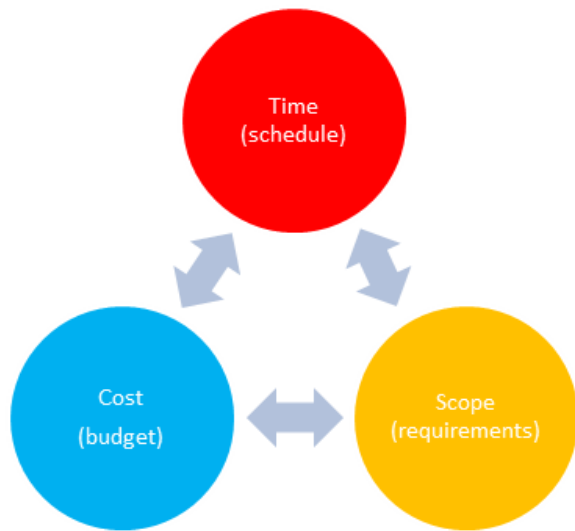
Work Break Structure



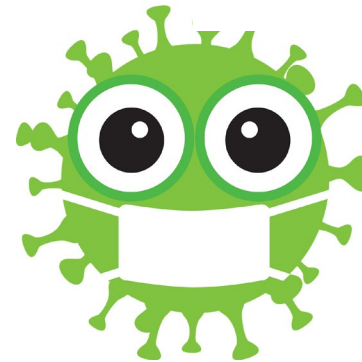
Early Contractor Involvement (EIC)

Entering into Construction with Known Constraints, Risks and Assumptions

Three Dependent Constraints



Assumptions



Risks

Initial Work within Phase 1: The Project Launch

- **Step 1:**
 - Interview and contract with a reliable General Contractor
 - Identify possible sites for home
 - Complete tests for water table, energy, etc.
 - Obtain required permits (city, county, environmental impact, for examples)
- **Step 2:**
 - Interview and contract with a reliable Architect / Structural engineer
 - Draw up design and obtain necessary governmental approvals
 - Confirm financing is secure for the life of the build

Questions?

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