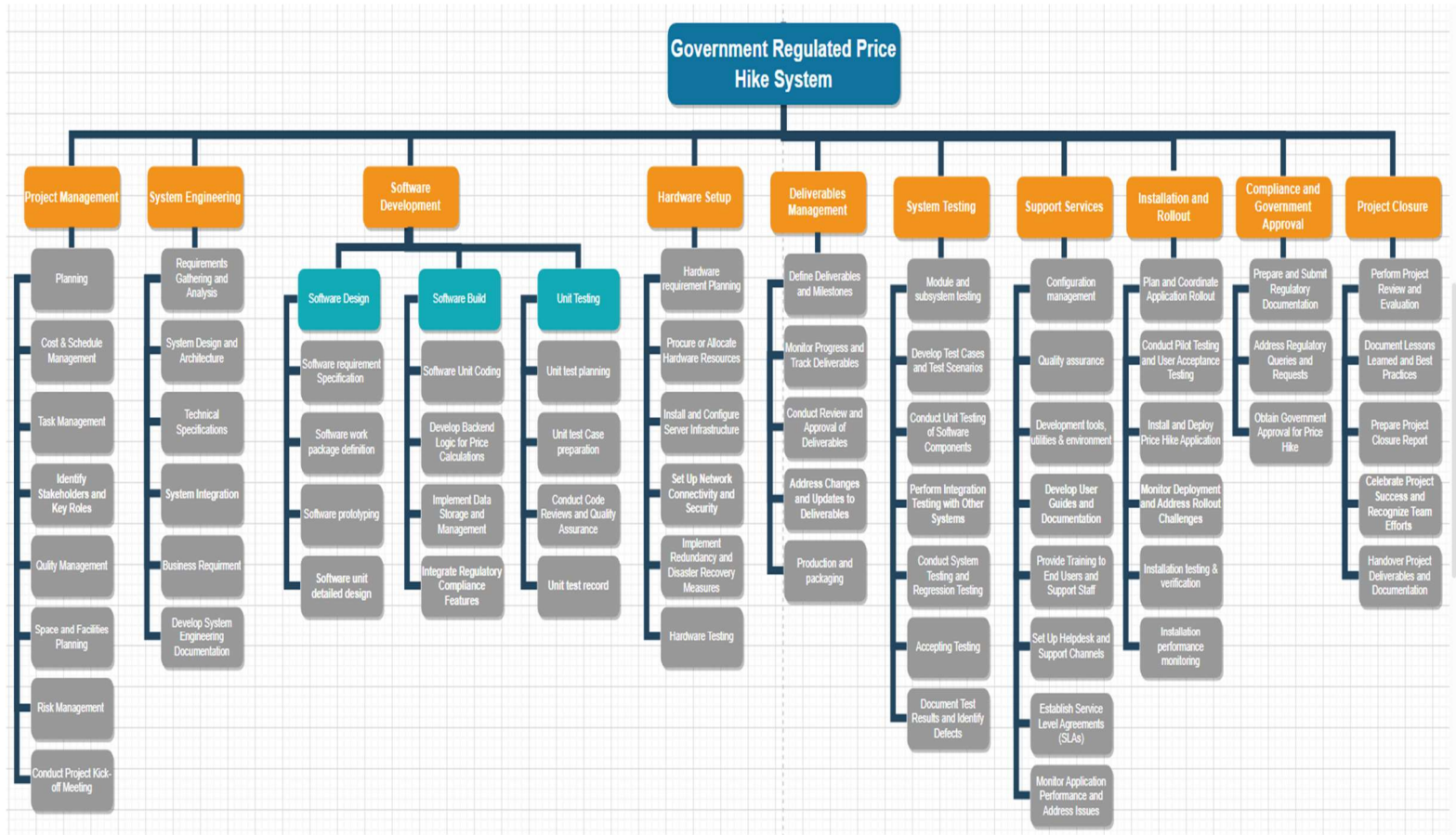


Work Breakdown Structure



Project Estimation:

$$PM = 2.4 \times (6)^{1.05} = 15.75$$

$$DM = 2.5 \times (15.75)^{0.35} = 6.56$$

$$ST = \frac{PM}{DM} = \frac{15.75}{6.56} = 2.40 \cong 3 \text{ People}$$

$$PM = 2.4 * (6)^{1.05} = 15.75$$

$$DM = 2.5 * (15.75)^{0.35} = 6.56$$

$$ST = \frac{PM}{DM} = \frac{15.75}{6.56} = 2.40 = 3 \text{ People}$$

Timeline Chart

		Pre-Game											Development (Game Phase)														Post-Game										
Task Name	Sprint Week	Initialize			Sprint 1			Sprint 2			Sprint 3			Sprint 4			Sprint 5			Sprint 6			Sprint 7			Sprint 8			Sprint 9								
		0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29						
A: MEHEDI		[Green]								[Green]				[Green]				[Green]			[Green]				[Green]				[Green]								
B: TAMIM					[Red]											[Red]				[Red]	[Red]																
C: TRIDIB				[Blue]		[Grey]	[Blue]			[Blue]					[Blue]				[Blue]						[Blue]					[Blue]							
D: CHAYAN					[Yellow]																				[Yellow]					[Yellow]							
E: PROGGA																[Orange]																[Orange]					
F: MEHEDI, TRIDIB				[Magenta]			[Magenta]			[Magenta]			[Magenta]			[Magenta]			[Magenta]			[Magenta]			[Magenta]			[Magenta]			[Magenta]						

Activity Key:

- A: Overall Requirements Gathering
- B: Develop Environment and Infrastructure
- C: Overall Design
- D: Developer 1
- E: Developer 2
- F: Tester, Reviewer and Deployment

Gantt Chart

Task	Pre-Game											Game											Post-Game								
	Spring	Initialize			Sprint 1			Sprint 2			Sprint 3		Sprint 4			Sprint 5		Sprint 6			Sprint 7			Sprint 8			Sprint 9				
	Week	0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29
Planning																															
Cost and Schedule Management																															
Task and Quality Management																															
Identify stakeholders and Key Roles																															
Risk Management																															
Space and facility planning																															
Conduct project kickoff meeting																															
Requirement Gathering																															
Technical specification																															
Software Requirement Specification																															
Software Unit Coding																															
Unit test planning																															
Software Work Package Definition																															
Develop Backend Logic for Price calculation																															
Unit test case preparation																															
Software Prototyping																															
Implement Data Storage and management																															
Conduct Code Reviews and assurance																															
Software Unit detailed Design																															
Integrate Regulatory Compliance Facilities																															
Unit Test Records																															
Hardware Requirement Planning, Allocate																															
Install and Configure Server																															
Set up Connectivity and Security																															
Disaster Recovery measures																															
Hardware testing																															
Module and sub system testing																															
Develop test cases and Test scenarios																															
Conduct Unit Testing and Software comp.																															
Perform Integration with other systems																															
System Integration																															
System Testing																															
Business Requirements																															
Develop System Engr. Documentation																															
Define Deliverables and Milestones																															
Configuration Management																															
Monitor progress and Track Deliverables																															
Quality Assurance																															
Conduct Review and approval of delivery																															
Development tools, utilities, environments																															
Address Changes and updates to deliver																															
Accepting Testing																															
Document Test Results and identify defects																															
Develop User guides and Documentation																															
Provide training to End users, staffs																															
Production and Packaging																															
Setup Help desk and support channels																															
Established service level agreement																															