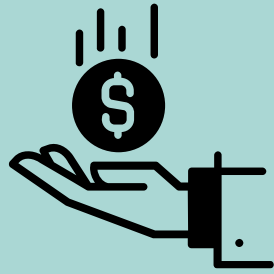


# PROJECT PIONEERS

BY  
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VEDANT GODSE  
SUYASH CHAVAN  
FELICE SAMJI

# TCQ Objectives

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## Cost

- First priority initially due to exceeding the budget
- Later changed the priority as secondary as the project was delayed.



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## Time

- Initially our priority was secondary, as per our initial planning we were supposed to complete the project by day 128
- Later we increased the priority to primary as we exceeded the timeline



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## Quality

- The Priority was tertiary from start to finish

**Initial Priority - Cost > Time > Quality**

**Priority Later - Time > Cost > Quality**

# Risk Register



Risk No.	As a result of... (CAUSE)	Uncertain event may occur..... (RISK)	Which would lead to effect on objective(s) IMPACT	Resp In Your TEAM	Probabil ity L/M/H	Impact T/C/Q In days and/or £	Mitigation Strategy	Contingency Plan
1.	Broot-Forse Delay and cancellation on critica path	Subcontractor Failure for M311	Delay in Overall timeline and penalty	CO	H	10 days 100,000 pounds	Use supplier delivery history to avoid unreliable suppliers	Switch to alternative vendor immediately after first failure
2	Speedi Delivery stock control issue	Supplier unreliability for P214	Delay in supply affecting module 4	CF	M	6 days delay	Choose vendors with consistent lead times and inventory performance	Dual-source or hold buffer stock
3	Booked all 12 designers early, causing high early cost	Overuse of internal resources	Budget overrun due to front-loaded high-cost staff usage	RI	H	Cost – ~£150,000 in excess	Apply resource levelling; stagger resource deployment	Reduce team in future periods, reallocate funds
4	Repeated use of Bodgyt despite prior delays	Poor subcontractor management (M315)	Caused cascading delays in module 5	IM	H	Time – 15 days, Cost – £50,000	Enforce exit strategy for non-performing vendors	Maintain second-best vendor ready (e.g., Fyne & Toler)
5	No contingency when orders cancelled twice	No supplier backup	Project paused while waiting for next supplier	ME	H	Time – 8 days, Cost – £40,000	Create vendor redundancy list	Pre-approve alternative suppliers to switch mid-period
6	Late final delivery (178 days vs 140 target)	Penalty clause breach	Loss of revenue due to £10,000/day penalty clause	SH	H	Cost – £380,000	Protect critical path, add schedule buffers	Fast-track assembly and test tasks late in project
7	Only 1 inspector available per day	Inspection bottlenecks	Delays in modules due to scheduling inspection late	PL	H	Time – 3 days	Pre-book inspections well in advance	Schedule inspections with task dependency in mind



# Risk Register



Risk No.	As a result of... (CAUSE)	Uncertain event may occur..... (RISK)	Which would lead to effect on objective(s) IMPACT	Resp. In your TEAM	Probability L/M/H	Impact T/C/Q In days and/or £	Mitigation Strategy	Contingency Plan
8	Assumed float in subcritical path would protect delivery	Floating buffer misused	<u>Bodgvt</u> delays consumed float → impact to near-critical tasks	TW	H	Cost – £80,000, Time – 10 days	Track actual float dynamically using Gantt/CPM	Shift resources or reduce dependencies to reallocate float dynamically
9	Repeated errors in subcontractor/vendor or selection	Poor risk monitoring	Delayed response to known issues increased impact	SP	H	Time – 6 days, Quality – Rushed tests	Regular risk review at end of each period	Empower team to escalate vendor risks sooner

# Strategy for Suppliers & Subcontractors

## Supplier



Price – Avg  
Lead Time –Long to Avg  
Quality – Good

**Speedi Deliveri** – Non Critical with float of 2 period

### Pros

Price – Avg  
Lead Time – Short to Avg  
Quality – Improved over last 6 months

### Cons

Time – Stock control

## Subcontractor



Price – Avg  
Lead Time –Long to Avg  
Quality – Good

**Bodgyt & Sons**– Non critical path with float of 2 period

### Pros

Price – Low  
Lead Time – Average  
Quality – Surprisingly high quality recently

### Cons

Quality – trouble keeping highly skilled workers

**Broot Forse plc** – For Critical path with 13 days to spare

### Pros

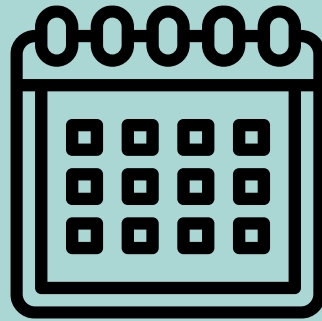
Cost – Pricy but full skill range  
Quality – Good Standards

### Cons

Lead Time – Avg to long  
Cost – Variable cost  
Price – Avg to high

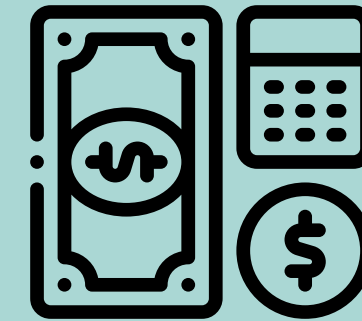
# Plan VS Outcome

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- Planned Duration – 128 days
- Actual Duration – 178 days

(Exceed by 39%, Actual delay 27% with respect to 140 days )



- Planned Budget– 800 K
- Actual Expenses – 1.388 M

(Loss of 588 K, Exceeded the budget by 73.5%)

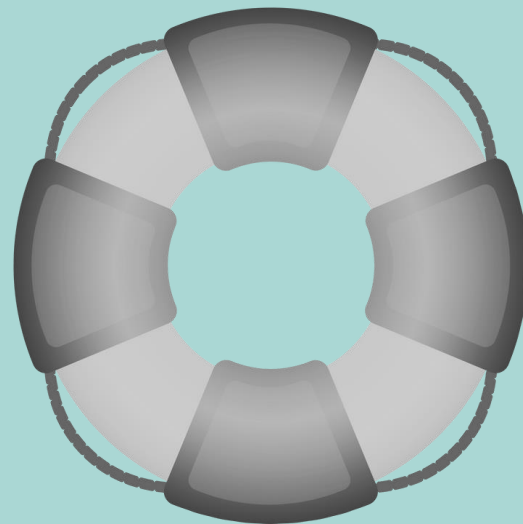
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# What Went Well

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**The initial Planning within the timeline**



**Enough of float period in each module  
13 days of float in the critical path  
2 period of float for module 4  
1 period of float for module 5**

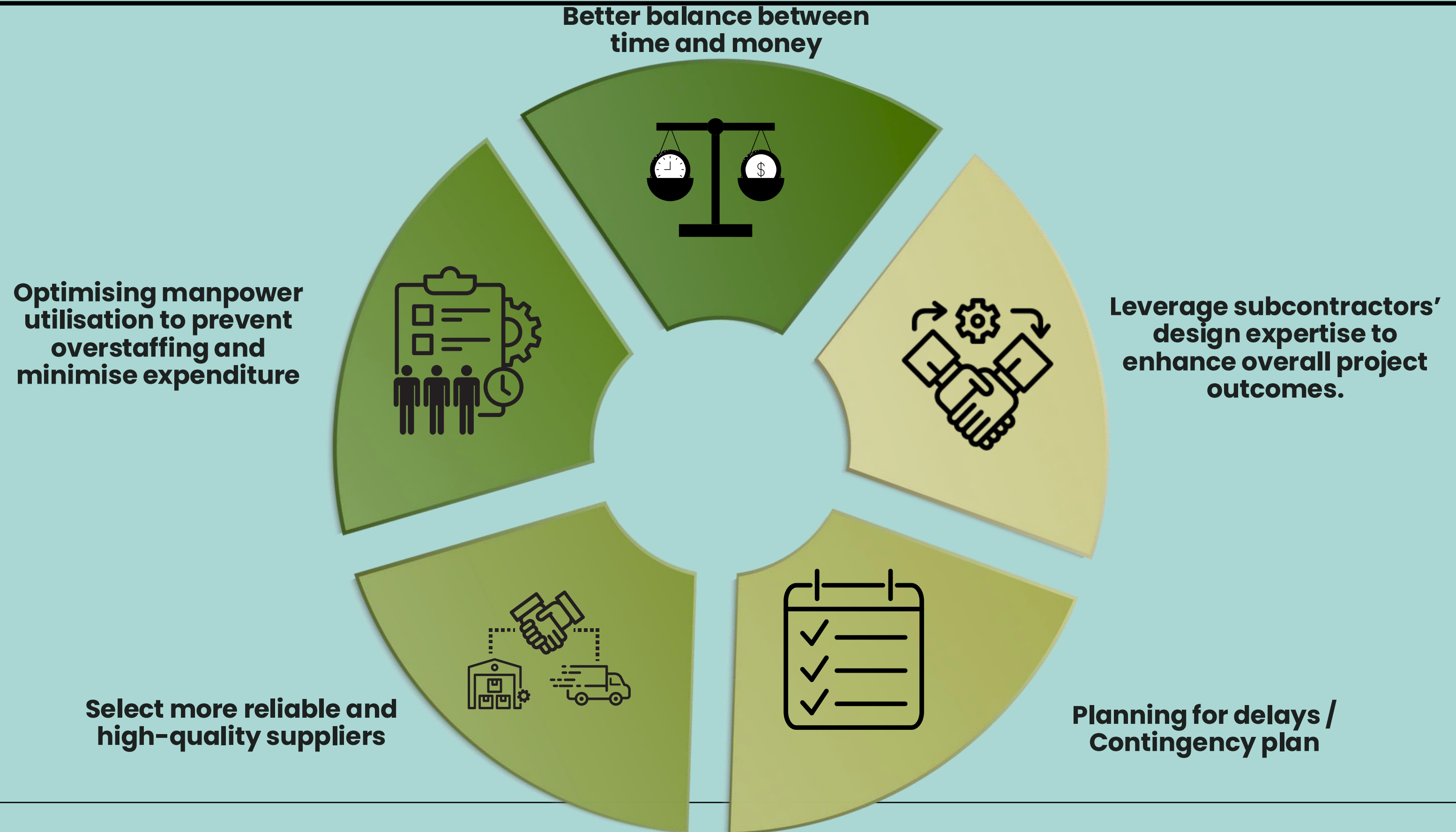


**On time completion of Module 2, 3  
and 6 which means 50% of the  
processes were completed on time**

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# What Could have been done better

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# Team Roles

Coordinator (CO)	Vedant
Shaper (SH)	Felice
Plant (PL)	Vedant
Monitor Evaluator (ME)	Felice
Implementer (IM)	Vedant, Suyash
Teamworker (TW)	Suyash
Resource Investigator (RI)	Felice, Niranjana
Completer Finisher (CF)	Suyash
Specialist (SP)	Niranjana

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**Thank you !**

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