Activity # 7: Monitor Project Development
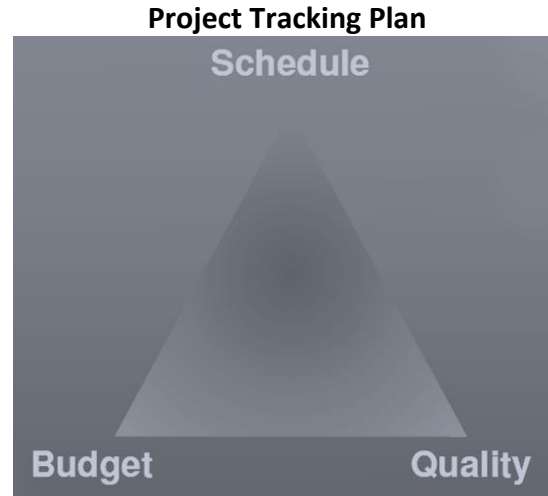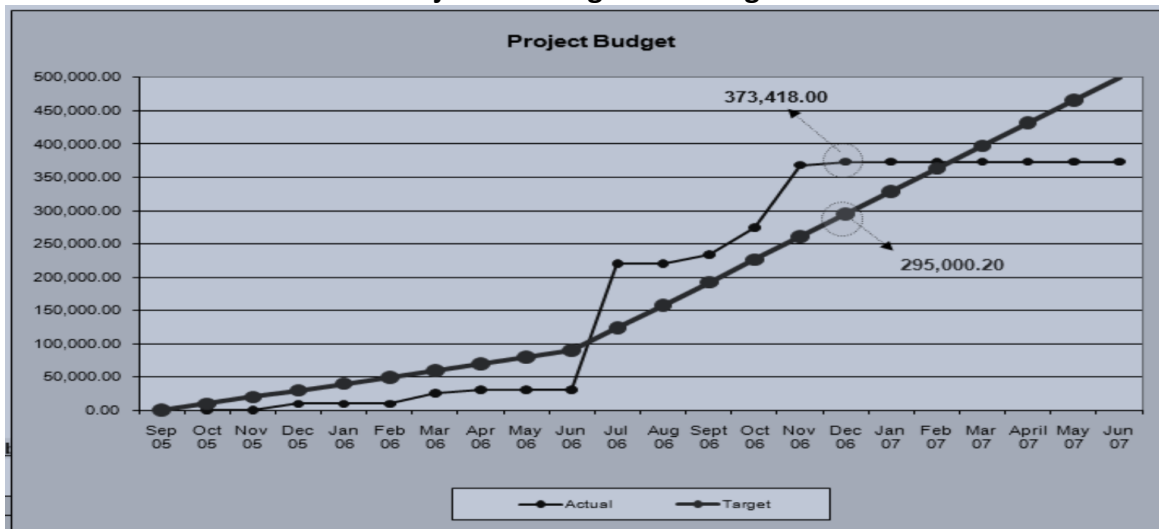
Instructions
1. Review the project objectives.
2. Define the indicators to be used for measuring achievement of project objectives and formula on how to measure the indicator.
3. Design a dashboard on how the measure will be monitored.

Project Tracking Plan

PROJECT MONITORING
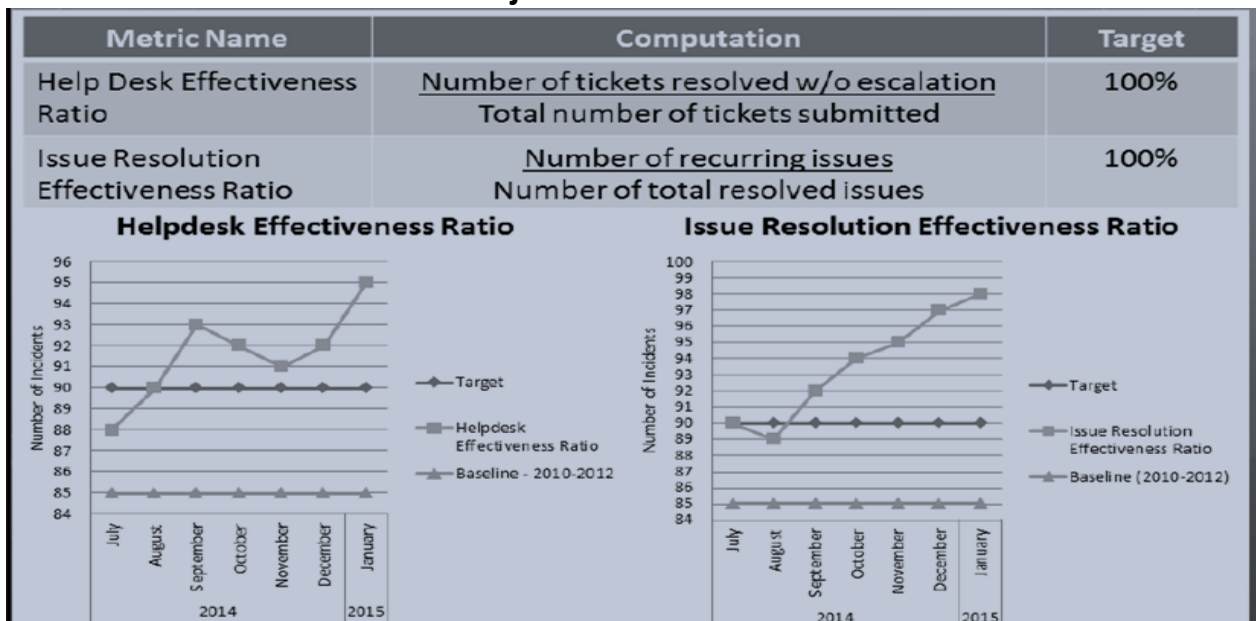### Project Tracking Plan - Budget

Project Tracking Plan – Schedule

Project Milestones	Target Date (mm-dd-yy)	Actual Date (mm-dd-yy)
Signed off Project Contract	6/5/09	
Signed off Existing Business Process Documents	8/5/09	
Signed off Standard Business Process Document	9/9/09	
Signed off IT Asset and IT Asset Criteria Documents	10/14/09	
IT Asset Inventory	12/21/09	
Signed off SRDs	1/26/10	
Database	1/29/10	
Tested working Modules	7/2/10	
Signed off UAT Modules Certificates	8/6/10	
Approved Users Manual	9/17/10	
Approved Technical Manual	10/15/10	
Trial Run	1/3/11	
Signed Off Contract for Go Full Production Deployment	5/13/11	
Full Production Deployment	5/16/11	
Post Implementation Audit	6/1/11	

## Project Tracking Plan – Quality

Metric	Measure	Target
Bug Ratio	$\dfrac{\text{Number of Bugs logged}}{\text{Total Number of Test Case Scenarios}}$	10%
Issue Ratio	$\dfrac{\text{Number of open issues}}{\text{Total Number of logged Issues}}$	5%
Passed Modules Ratio	$\dfrac{\text{Number of Test Cases Passed}}{\text{Total Number of Test Cases}}$	100%

Project Success Metrics

Metric Name	Computation	Target
Help Desk Effectiveness Ratio	$\dfrac{\text{Number of tickets resolved w/o escalation}}{\text{Total number of tickets submitted}}$	100%
Issue Resolution Effectiveness Ratio	$\dfrac{\text{Number of recurring issues}}{\text{Number of total resolved issues}}$	100%

Helpdesk Effectiveness Ratio

Issue Resolution Effectiveness Ratio

Test Effectiveness

Metric Name	Computation		Target
Test Design Effectiveness Ratio	No. of defects found with Test Cases / Total No. of defects	x 100	100%
Defect Detection Effectiveness Ratio	No. of Defects considered as valid / Total No. of defects	x 100	95%
Testing Execution Effectiveness Ratio	No. of certified modules w/o valid defects / No. of Certified Modules	x 100	100%

Testing Execution Effectiveness Ratio
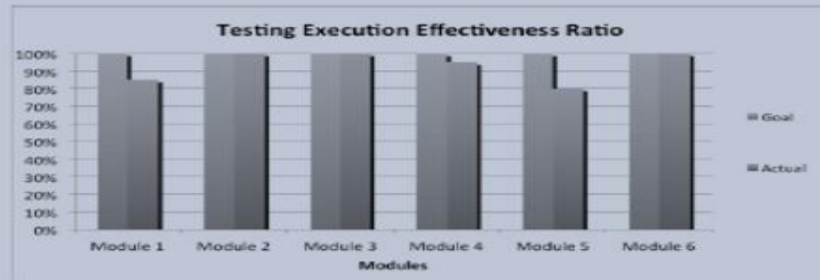
Testing Execution Effectiveness Ratio

Unresolved Issues
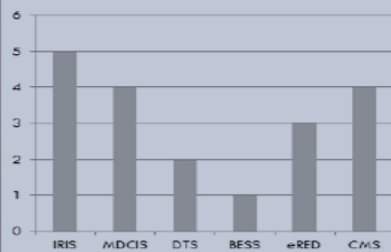
Unresolved Issues

Helpdesk Efficiency Ratio

Helpdesk Efficiency Ratio

Unresolved Issues
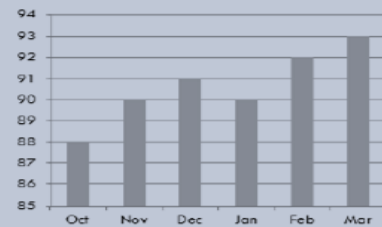
Aging Ratio

Aging Ratio

Project Tracking Plan

Project Progress Tracking

0.32 (32%)

Legend:
● In-progress
● Completed

0.68 (68%)
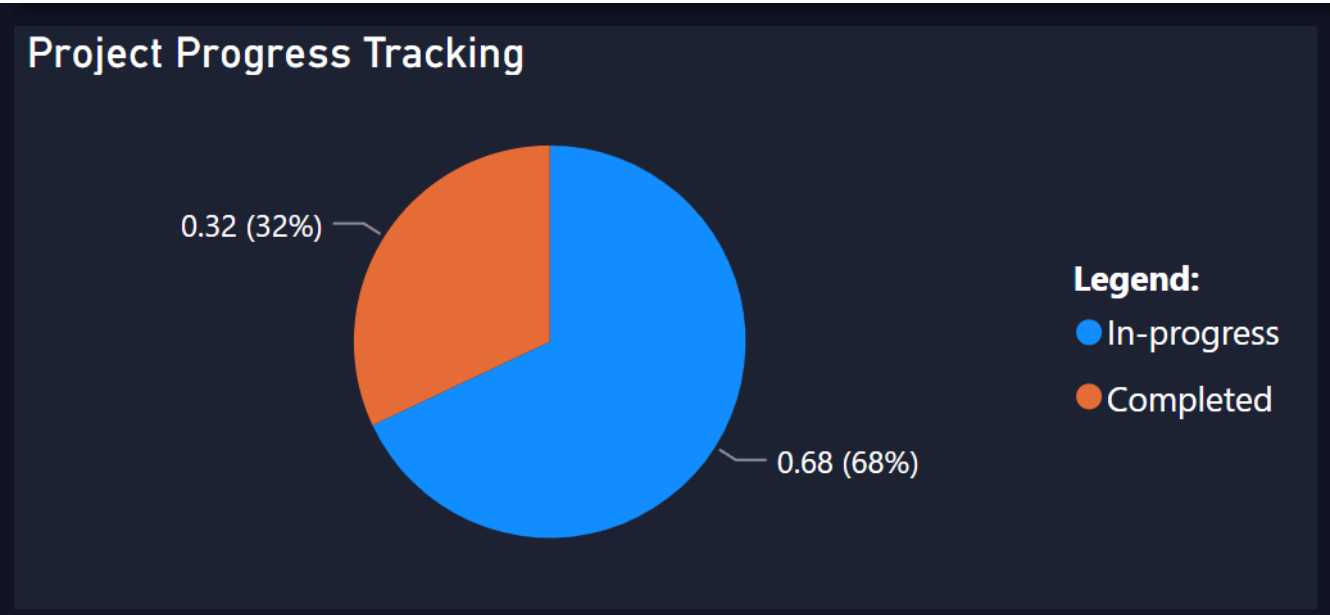
Project Tracking – Budget

Project Tracking - Budget

● Sum of Actual Budget ● Sum of Target Budget

6K

4K

2K

0K

| Initation Phase | Definition Phase | Execution Phase | Control Phase | Close Out Phase |
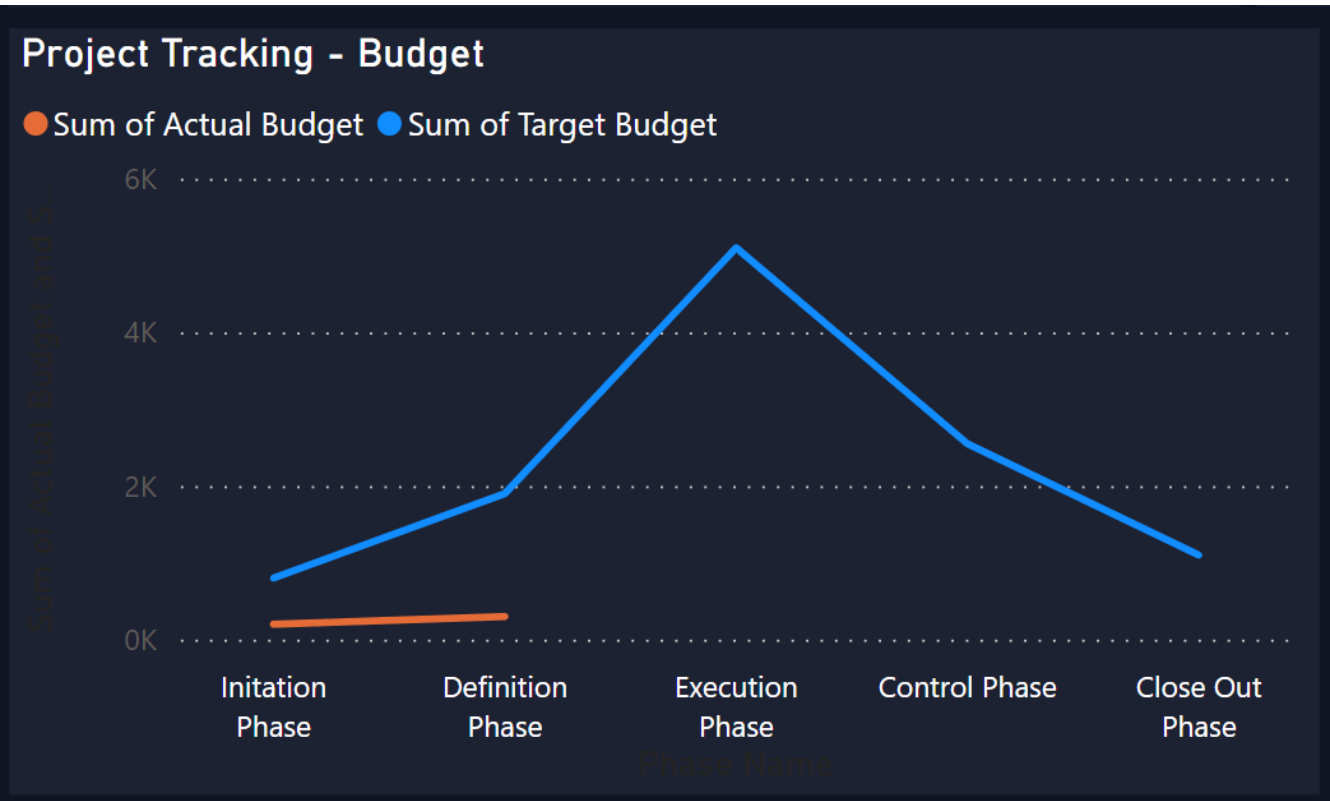
Project Tracking - Schedule

	Project Milestone	Target Date	Actual Date
1	Information Gathering	1/22/2024	1/22/2024
2	Requirements Analysis	1/23/2024	1/22/2024
3	Develop Project Plan	1/25/2024	1/25/2024
4	Create Project Model System	2/2/2024	2/2/2024
5	Create Project Methodology	2/2/2024	2/2/2024
6	Create Work Breakdown Structure	2/2/2024	2/4/2024
7	Define Project Team	2/2/2024	2/6/2024
8	Determine Project Costs	2/16/2024	2/16/2024
9	Develop Project Development Monitoring	2/22/2024	2/28/2024
10	Project Approval	3/8/2024	null
11	Verify & Validate User Requirements	3/10/2024	null
12	Design Program Layout	3/15/2024	null
13	Integrate Booking Function	3/21/2024	null
14	Integrate Guest Information Database	3/27/2024	null
15	Integrate Save and Print Function	4/2/2024	null
16	Testing Phase	4/6/2024	null
17	System Revision	4/10/2024	null
18	Install Live System	4/12/2024	null
19	User Training	4/16/2024	null
20	Go Live	4/18/2024	null
21	Project Management	4/28/2024	null
22	Project Status Reporting	5/1/2024	null
23	Issue Resolution	5/4/2024	null
24	Update Project Management Plan	5/7/2024	null
25	User Acceptance	5/9/2024	null
26	Documentation	5/14/2024	null
27	Project Handover	5/15/2024	null
28	Project Closure	5/16/2024	null

Project Tracking – Quality

	Metric	Measures	Target
1	Bug Ratio	Number of bugs logged / Total number of Test Case Scena	0.1
2	Issue Ratio	Number of Open issue / Total number of Logged issues	0.05
3	Pass Modules Ratio	Number of bugs logged / Total number of Test Case	1

Dashboard

Project Dashboard - Voucher Creation App for Island -Hopping

Project Progress Tracking

0.32 (32%)
0.68 (68%)

Legend:
● In-progress
● Completed

Project Team Leader:
Joshua Arnel A. Gonzales

Project Team Members:
Joshua Arnel A. Gonzales

Project Budget:
11,450 Php

Bugs and Issues Encountered
● Sum of Issues ● Sum of Bugs

Solved
Recurring
Unresolved

0   5   10

Project Tracking – Budget
● Sum of Actual Budget ● Sum of Target Budget

6K
4K
2K
0K

Initation Phase | Definition Phase | Execution Phase | Control Phase | Close Out Phase

Project Tracking – Timeboxing
● Sum of Actual Days ● Sum of Target Days

10

5

0

Information A... Requirements A... Develop Project... Create Project ... Create Work Br... Define Project T... Determine Proj... Develop Project... Project Approval Verify & Validat... Design Progra... Integrate Booki... Integrate Guest... Integrate Save ... Testing Phase System Revision Install Live Syst... User Training Go Live Project Manage... Project Status R... Issue Resolution Update Project ... User Acceptance Documentation Project Handover Project Closure