Domain: FinOps Cost Visibility

Objective	As an application developer, I want view cloud costs for my application, so I can understand spending patterns and identify potential areas of cost optimization.
Acceptance Criteria	Consolidated View of Costs: ■ The system provides a consolidated dashboard showing the total GCP cloud costs across different projects. ■ The cost data should be available at different levels, such as project, billing application, sector, environment. Granularity of Data: ■ Costs are available at various granularity levels, such as costs by tag, resourceId, service. ■ Costs can be filtered across different timeframes, down to daily. Up-to-Date Cost Data: ■ Costs should be available on a T+1 basis (24 hours). User Access: ■ Users with appropriate permissions can view the cost dashboard based on their role (managers of multiple apps can see consolidated view). Data Accuracy: ■ The cost data should match the billing data provided by GCP. User Interface: ■ The dashboard should have an intuitive user interface that is customizable. ■ The data should be exportable to common formats (csv, json).
Stakeholders	EAP, VDI, and XCS are all stakeholders.
Resourcing	1 full stack developer
Milestones	■ Evaluate and finalize tooling and technologies to be used (Cloudability, in-house dashboard, Google looker) ■ Setup automated data ingestion from GCP billing export to the centralized cost management system. ■ Normalize the cost and usage data to align with the existing internal data model. ■ Integrate GCP billing data with other cloud cost data. ■ Build cost visibility dashboards and reports. ■ Training and documentation.
Submitter	Amit Kinha

For Reviewers Use Only

Feedback	
Status	

Domain: FinOps Cost Chargeback Model

Objective	As an application owner, I want to view the GCP costs allocated to my team, so I can ensure fair and transparent billing based on usage.
Acceptance Criteria	Cost Allocation: ■ The system provides a detailed view of GCP costs allocated to each team, based on resource usage and tagging policies. Visibility of Shared Costs: ■ Shared costs (e.g common infra, networking) should be allocated based on a predefined allocation strategy (e.g. percentage, cost follows cost). Chargeback Reports: ■ Monthly chargeback reports should be generated for each application, detailing individual and shared GCP costs. Customizable Allocation Rules: ■ Allocation rules should be customizable to support specific strategies, such as allocating Apigee costs to only to Apigee users. Integration into existing systems for chargeback: ■ The system should be integrated into the downstream systems used to recover chargeback costs from departments.
Stakeholders	EAP, VDI, and XCS are all stakeholders.
Resourcing	1 backend developer
Milestones	■ Define chargeback requirements for direct and shared cost. ■ Implement tagging of projects with billing tags to support accurate cost allocation. ■ Implement cost allocation engine to support GCP shared costs. ■ Integrate GCP costs into chargeback file for other cloud costs. ■ Documentation and training for understanding chargeback process.
Submitter	Amit Kinha

For Reviewers Use Only

Feedback	
Status	

Domain: FinOps Alerting

Objective	As a project owner, I want to receive alerts when GCP spending exceeds budget thresholds or when anomalies are detected, so I can take corrective actions before costs spiral out of control.
Acceptance Criteria	**Budget Threshold Alerts:** ■ Users can define budget thresholds for their projects, specifying limits for monthly timeframes. ■ The system should send when spending approaches or exceeds the defined budget thresholds. ■ Alerts should include key details such as amount spent, the remaining budget and the time frame. **Anomaly Detection:** ■ The system uses statistical models to identify anomalous spending patterns, such as unexpected spikes in usage. ■ Users receive alerts when anomalies are detected, with information about the specific services, resources, and timeframes. **Alert Customization:** ■ Users can customize the types of alerts they want to receive (e.g. budget alerts only for production) and set different thresholds. **Data Accuracy and Timeliness:** ■ Alerts should be based on the latest available GCP cost data, with a maximum delay of 24 hours. ■ Alerts should ensure minimal false positives to maintain trust in the system. **Integration into existing tools:** ■ Alerts should be integrated into existing incident management tools (e.g. ServiceNow) to create tickets automatically for investigation.
Stakeholders	EAP, VDI, and XCS are all stakeholders.
Resourcing	1 full stack developer
Milestones	■ Gather requirements for budgets, anomalies, and tooling. ■ Develop budget threshold alerts for GCP. ■ Develop Anomaly detection. ■ Develop alert customization. ■ Integrate into existing tooling. ■ Documentation and training.
Submitter	Amit Kinha

For Reviewers Use Only

Feedback	
Status	

Domain: FinOps Cost Optimization

Objective	As an application owner, I want to utilize commitment based discounts, so that I can benefit from reduced cloud costs in exchange for a commitment.
Acceptance Criteria	Centralized Commitment Management: ■ The FinOps team centrally manages all GCP commitments, including committed use discounts. Discount Allocation Visibility: ■ Application owners can view the details of the commitment based discounts allocated to their application, including the discount type, amount saved, and applicable services. Request for commitment discounts: ■ Application owners can request access to commitment discounts through a standardized process (e.g a portal or request form). ■ The FinOps team reviews the request and coordinates with stakeholders to execute commitment. Commitment Utilization Optimization: ■ The system should automatically allocate CUDs to application owners based on usage patterns. Alerts for underutilized or unutilized commitment: ■ The system generates alerts for the FinOps team if there is eligible application usage not benefiting from existing commitments.
Stakeholders	EAP, VDI, and XCS are all stakeholders.
Resourcing	1 FinOps analyst
Milestones	■ Develop commitment allocation workflow. ■ Publish commitment discount strategy. ■ Integrate commitment discount allocations into chargeback process.
Submitter	Amit Kinha

For Reviewers Use Only

Feedback	
Status	

Domain: FinOps Unified Reporting across Cloud Providers

Objective	As an application owner, I want to view unified cost data across all supported cloud providers in a single pane of glass view, so I can compare and analyze cloud spending in a standardized format.
Acceptance Criteria	**Unified Data Model Implementation:** ■ GCP cost data is integrated into the existing cost data model which normalizes data from AWS, Snowflake, and MongoDB Atlas. **Consolidated Reporting:** ■ A centralized reporting dashboard is developed, showing unified cloud costs across all cloud vendors. ■ Users can filter and aggregate costs by different dimensions and metrics. **Exporting and sharing:** ■ The system should provide customizable views for different stakeholders, such as executives and drill down for developers. **Accuracy:** ■ The unified cost data must match the individual billing data provided by each cloud provider with an acceptable variance. **User Access Control:** ■ The reporting system must ensure only authorized users can access and view cloud cost data.
Stakeholders	EAP, VDI, and XCS are all stakeholders. FinOps Practitioners, Finance, Department Heads, CIO leadership.
Resourcing	1 full stack developer
Milestones	■ Refine existing unified cost data model if required. ■ GCP data integration and normalization. ■ Dashboard and reporting development. ■ User training and documentation.
Submitter	Amit Kinha

For Reviewers Use Only

Feedback	
Status	