**Financial Analysis Report**

**Part A - Project overview**

**Project Name:** Development of a Mobile Banking Application  
**Objective:** Develop a mobile banking application to enhance customer convenience and reduce operational costs.  
**Expected ROI:** 25% within two years.  
**Initial Investment:** $500,000  
**Project Duration:** 12 months  
**Estimated Revenue:** $200,000 per year  
**Estimated Savings:** $50,000 per year in operational costs

**Part B - Project baseline analysis**

**Original Baselines**

**Scope Baseline:**

* Fully functional mobile banking app with core banking features.
* Integration with existing banking systems.

**Schedule Baseline:**

* Planning Phase: 1 month
* Development Phase: 6 months
* Testing Phase: 3 months
* Deployment Phase: 2 months

**Cost Baseline:**

* Planning: $50,000
* Development: $300,000
* Testing: $100,000
* Deployment: $50,000

**Updated Baselines**

After 6 months, additional security features required by new regulations extended the development duration and increased costs.

**Updated Scope Baseline:**

* Fully functional mobile banking app with core banking features.
* Include Additional Security Features.
* Integration with existing banking systems.

**Updated Schedule Baseline:**

* Planning Phase: 1 month
* Development Phase: 8 months
* Testing Phase: 3 months
* Deployment Phase: 2 months
* Total Project Duration: 14 months

**Updated Cost Baseline:**

* Planning: $50,000
* Development: $400,000
* Testing: $100,000
* Deployment: $50,000
* Total Project Cost: $600,000

**Part C - Project EAC and ETC calculations**

**Estimate at Completion (EAC):**

**Estimate to Complete (ETC):**

**Part D - EMV Calculations**

**Decision-making scenario 1:** The impact of Risk occurrence when the new feature is decided not to be included in the software.

**Decision-making scenario 2:** The impact of Risk occurrence when the new feature is decided to be included in the software.

**Part E - PERT / Three-Point Estimation**

**Part F - Project ROI Calculation**

**Part G - Project Cost-Benefit Ratio (CBR) Analysis**

**Part H - Inference**

**Part I - Recommendations**