# MVP Definition

## What is MVP?

The **Minimum Viable Product (MVP)** is the smallest feature set that delivers value to our primary users (Department Directors and City Manager) and validates our core hypothesis:

**Hypothesis:** A digital strategic planning system can reduce plan creation time by 50% while improving data quality and collaboration.

## MVP Success Criteria

MVP is successful when:

1. **Adoption:** 3+ departments create strategic plans in the system (not Word)
2. **Time Savings:** Average plan creation time ≤ 25 hours (vs. 40-50 hours manual)
3. **Data Quality:** 100% of initiatives have validated budget data (Finance approval)
4. **Collaboration:** City Manager provides feedback via comments (not email)
5. **Reporting:** City Manager generates consolidated budget report in <5 minutes

## MVP Feature Set

**MUST HAVE (P0) - Launch Blockers:**

✅ **Strategic Plan Management (FR-001)** - Create/edit/view strategic plans - SWOT, environmental scan, benchmarking

✅ **Strategic Goals (FR-002)** - Define 3-5 goals per plan - SMART objectives

✅ **Initiative Management (FR-003)** - Create initiatives with priority (NEEDS/WANTS/NICE\_TO\_HAVES) - Financial analysis (budget breakdown, ROI) - Expected outcomes

✅ **Initiative Budgets (FR-004)** - Normalized budget tracking - Aggregation queries

✅ **KPI Tracking (FR-005)** - Define KPIs with targets - Update actual values

✅ **Department Dashboard (FR-006)** - Plan summary, budget overview, initiative status

✅ **City Manager Dashboard (FR-006)** - All departments, consolidated budget

✅ **User Roles & RLS (FR-007)** - Department scoping, role-based access

✅ **Comments (FR-008)** - Threaded comments on plans/initiatives

✅ **Approval Workflow (FR-009)** - Draft → under\_review → approved → active

✅ **Audit Trail (FR-010)** - All changes logged

✅ **PDF Export (FR-011)** - Export plan to PDF

**SHOULD HAVE (P1) - High Value, Not Blockers:**

⚠️ **Cross-Departmental Initiatives** - Mark initiatives as collaborative - Track partner departments

⚠️ **Initiative Dependencies** - Track blocking dependencies - Visualize dependency graph

⚠️ **Finance Dashboard** - Funding source breakdown - Budget vs. actual

**COULD HAVE (P2) - Nice to Have:**

🔵 **Quarterly Milestones** - Track quarterly progress - Milestone dashboard

🔵 **Search & Filters** - Full-text search across plans - Advanced filtering

**WON’T HAVE (Not MVP):**

❌ Real-time collaboration (Supabase Realtime) ❌ AI-powered features (semantic search, Q&A) ❌ Public portal ❌ Email notifications ❌ Mobile optimization (responsive only) ❌ Offline mode

## MVP User Stories (Prioritized)

**Epic 1: Department Creates Strategic Plan (Critical)** 1. As a Department Director, I can create a new strategic plan 2. As a Department Planner, I can add strategic goals 3. As a Department Planner, I can create initiatives with budgets 4. As a Department Planner, I can define KPIs 5. As a Department Director, I can submit plan for review 6. As a Department Director, I can view my department dashboard

**Epic 2: City Manager Reviews Plans (Critical)** 7. As a City Manager, I can view all department plans 8. As a City Manager, I can comment on initiatives 9. As a City Manager, I can approve plans 10. As a City Manager, I can view consolidated budget dashboard 11. As a City Manager, I can export consolidated report to PDF

**Epic 3: Finance Validates Budgets (High)** 12. As a Finance Director, I can view all initiative budgets 13. As a Finance Director, I can comment on budget accuracy 14. As a Finance Director, I can view funding source breakdown

**Epic 4: System Administration (High)** 15. As an Admin, I can create users and assign roles 16. As an Admin, I can configure departments and fiscal years 17. As an Admin, I can view audit logs

## MVP Out of Scope

The following are explicitly **NOT** part of MVP:

* Quarterly milestone tracking (Phase 2)
* Real-time collaboration / presence (Phase 2)
* Email notifications (Phase 2)
* AI/RAG features (Phase 2)
* Public portal (Phase 2)
* Mobile app (never)
* GIS integration (never)
* ERP integration (never)