# Next Features and Enhancements for the OKR App

## 📅 Current Features Implemented

| Feature | Status |

|--------|--------|

| Organization Registration | ✅ Completed |

| User Registration/Login | ✅ Completed |

| Role-based Access (super\_admin, function\_head, okr\_editor, employee) | ✅ Completed |

| Team Model + CRUD | ✅ Completed |

| Objective Model + CRUD | ✅ Completed |

| AI Validation for Objectives | ✅ Completed |

| Key Result Model + CRUD | ✅ Completed |

| AI Validation for Key Results | ✅ Completed |

## 🔄 Upcoming Core Enhancements

\*\*1. Objective Status Auto-Update\*\*

- Automatically calculate objective status based on the latest Key Result updates

- Weight KR progress (optional) to determine overall health

- Auto-fill objective `summaryUpdate` based on latest KR comments

\*\*2. Progress and Completion Dashboards\*\*

- Visual stats of:  
 - Number of objectives per team  
 - Percentage of objectives completed per cycle (Q2-2025, etc.)  
 - KR status breakdown: on track, at risk, off track

- Endpoint examples:  
 - `/dashboard/okr-summary`  
 - `/team/:teamId/okr-status`

\*\*3. Alignment and Cascade Mapping\*\*

- View objectives in a hierarchy:  
 - Parent Objective → Child Objectives

- View which teams contribute to org-level objectives

- Allow cross-functional linkage and influence (for visibility)

\*\*4. Review and Check-In System\*\*

- Add check-in entries (weekly, bi-weekly, etc.)

- Timestamped logs with notes

- Allow reviewers or managers to add comments

- Optional: restrict editing post check-in window

\*\*5. Audit Trail and Activity Log\*\*

- Track actions:  
 - Objective created/updated/deleted  
 - KR updated with progress  
 - Comments/check-ins made

- Provide route `/audit-log` for admin-level visibility

## 🧠 Advanced AI Additions

\*\*6. AI-Based KR Suggestions\*\*

- When user enters an Objective title, suggest 2-3 KRs using AI

- Leverage historical data + context

\*\*7. AI Rewriting + SMART Score\*\*

- Rewrite vague objectives and KRs

- Score each on SMART criteria (Specific, Measurable, Achievable, Relevant, Time-bound)

\*\*8. AI-Powered Feedback on Updates\*\*

- When user updates KR progress, generate insights:  
 - "You’re 80% complete, but this KR is trending slower than expected."

\*\*9. Duplicate or Overlapping Objective Detection\*\*

- Warn if same/similar objectives or KRs exist within org or team

- Recommend consolidation

## 🚧 Admin & Governance Enhancements

\*\*10. Visibility Controls\*\*

- Add visibility field: `private`, `team`, `organization`

- Control who can see what objectives/KRs

\*\*11. Role Expansion\*\*

- Add additional roles:  
 - `reviewer`, `observer`, `admin-editor`

- Allow scoped permissions

\*\*12. Cycle Management\*\*

- Create/define cycles (Q1-2025, H1-2025, etc.)

- Assign objectives/KRs to cycles

- Archive old cycles (for readonly view)

\*\*13. Objective Templates\*\*

- Allow admin to define reusable templates

- Example: "Quarterly Sales Objective" with pre-filled KR structure

## 🌎 Ecosystem Integration Ideas

\*\*14. JIRA or Asana Integration\*\*

- Link KRs to JIRA tickets or Asana tasks

- Pull real-time status from linked tasks

\*\*15. Microsoft Teams / Slack Bot\*\*

- Weekly reminder: "Update your KRs for Q2"

- Allow posting status via chat bot

\*\*16. Single Sign-On (SSO)\*\*

- Enable SSO using Microsoft, Google, or LDAP

- Useful for large enterprise rollout

\*\*17. Mobile-Responsive UI / PWA\*\*

- Optimize frontend for mobile

- Optional: Add Progressive Web App (PWA) shell for offline check-ins

Let me know if you want this broken down into phased roadmap or implementation sprints.