# Master Blueprint Integration Index for Ask Feature

## Overview

This document provides detailed instructions for integrating the refined Ask Feature into the Setarcos App Master Technical Blueprint. It ensures proper indexing, cross-referencing, and consistency with the existing blueprint structure.

## Primary Integration Point

### Section 5.1 Ask Feature

Replace the entire content of Section 5.1 with the refined Ask Feature documentation. The section should maintain the existing index number (5.1) in the blueprint hierarchy.

```

Location: Section 5.1

Action: Complete replacement

File: refined\_ask\_feature\_updated.txt

```

## Cross-Reference Updates

### Table of Contents

Update the Table of Contents to reflect any new subsections within 5.1:

```

\* [5.1 Ask Feature](#51-ask-feature)

\* [5.1.1 Feature Goal](#feature-goal)

\* [5.1.2 System Architecture](#system-architecture)

\* [5.1.3 Database Models](#database-models)

\* [5.1.4 API Endpoints](#api-endpoints)

\* [5.1.5 User Experience Flow](#user-experience-flow)

\* [5.1.6 Gamification & XP Integration](#gamification--xp-integration)

\* [5.1.7 Advanced Workflows](#advanced-workflows--contextual-prompting)

\* [5.1.8 Implementation Considerations](#implementation-considerations)

\* [5.1.9 Implementation Phases](#implementation-phases)

```

### Section 3.2.6 AI Services

Update references to the Ask Feature in the AI Services section:

```

Location: Section 3.2.6

Action: Ensure consistency with refined Ask Feature's AI Router integration

Details: Reference the expanded philosophical tone system and its mapping to the existing AI Router

```

### Section 9.1 AI Router Design

Update AI Router references to include refined Ask Feature requirements:

```

Location: Section 9.1

Action: Ensure consistency with tone selection and model routing logic

Details:

- Update the MODELS dictionary philosophical\_tones lists to include all 10 tones

- Ensure the model selection logic accommodates the expanded tone system

- Reference the tone-to-model mapping defined in the Ask Feature documentation

```

### Section 9.3 Context-Specific Tone Prompt Workflow

Update the tone prompt workflow to accommodate the refined Ask Feature:

```

Location: Section 9.3

Action: Extend the prompt template structure for all 10 philosophical tones

Details:

- Add references to the new tone templates

- Ensure the DynamicPromptEnhancer supports the new user flows

- Maintain compatibility with existing prompt structure

```

### Section 6.2 XP Calculation Logic

Update XP award references for the Ask Feature:

```

Location: Section 6.2 XP Calculation Logic

Action: Update XP awards for Ask Feature activities

Details:

- Asking first question: 10 XP

- Daily first question: 5 XP

- Saving to journal: 15 XP

- Expanding insight: 5 XP

- Sharing to forum: 10 XP

- Exploring extracted concept: 5 XP per concept

- Trying new philosophical tone: 20 XP

```

### Section 7.2 Table Definitions

Add or update the following database tables:

```

Location: Section 7.2

Action: Add/update table definitions

Tables:

- ask\_interactions

- philosophical\_tones

- user\_tone\_preferences

- ask\_interaction\_concepts

- question\_suggestions

- user\_question\_suggestions

```

### Section 8.3 Endpoint Specifications

Add or update the following API endpoints:

```

Location: Section 8.3

Action: Add/update endpoint specifications

Endpoints:

- POST /api/v1/ask

- GET /api/v1/ask/tones

- POST /api/v1/ask/tone-preview

- POST /api/v1/ask/interactions/{interaction\_id}/save

- POST /api/v1/ask/interactions/{interaction\_id}/expand

- GET /api/v1/ask/suggestions

```

### Section 10.3 Task Definitions

Add or update Celery tasks for the Ask Feature:

```

Location: Section 10.3

Action: Add/update task definitions

Tasks:

- process\_ask\_question

- extract\_concepts\_from\_response

- generate\_personalized\_suggestions

- cache\_tone\_previews

```

## Integration with Other Features

### Section 5.3 Explore Feature

Update cross-feature integration references:

```

Location: Section 5.3

Action: Ensure consistency with Ask → Explore concept navigation

Details: Add references to concept badge navigation from Ask responses to Explore feature

```

### Section 5.4 Journal Feature

Update cross-feature integration references:

```

Location: Section 5.4

Action: Ensure consistency with Ask → Journal saving functionality

Details: Add references to saving Ask interactions to Journal and XP awards

```

### Section 5.5 Forum Feature

Update cross-feature integration references:

```

Location: Section 5.5

Action: Ensure consistency with Ask → Forum sharing functionality

Details: Add references to sharing Ask interactions to Forum and XP awards

```

### Section 5.9 Concepts System

Update concept integration references:

```

Location: Section 5.9

Action: Ensure consistency with concept badge extraction and navigation

Details: Add references to concept extraction from Ask responses and badge display

```

## Implementation Timeline Alignment

Ensure the Ask Feature implementation phases align with the overall project timeline:

```

Location: Section 14.1 Environment Strategy

Action: Align Ask Feature phases with deployment milestones

Details:

- Phase 1 (Core Experience): Weeks 1-3

- Phase 2 (Enhanced Interaction): Weeks 4-6

- Phase 3 (Advanced Features): Weeks 7-10

- Phase 4 (Optimization & Analytics): Weeks 11-12

```

## Final Verification Steps

1. Verify all section numbers and cross-references are correct

2. Ensure consistent terminology throughout the blueprint

3. Validate database schema compatibility with existing tables

4. Confirm API endpoint naming conventions match the rest of the blueprint

5. Check that XP awards are balanced with other features

6. Verify AI Router integration preserves existing functionality

7. Confirm tone-to-model mappings are complete and accurate

8. Ensure prompt template structure is compatible with existing workflow