# Blueprint Integration Index: Seek Clarity Feature Update

## Document Information

* **Title**: Seek Clarity Feature Implementation
* **Section Number**: 5.1.1
* **Integration Location**: Section 5 (Core Features), subsection 5.1 (Ask Feature)
* **Prerequisite Sections**: 5.1 (Ask Feature)
* **Related Sections**: 7.2 (Database Schema), 8.3 (API Design), 9.3 (Context-Specific Tone Prompt Workflow), 10.3 (Task Definitions)

## Integration Instructions

This document provides indexing and integration guidance for incorporating the Seek Clarity Feature update into the Setarcos Master Technical Blueprint.

### Primary Integration Points

1. **Feature Specification** - Section 5.1.1
   * Insert the complete Seek Clarity feature specification as a new subsection 5.1.1 under the Ask Feature section
   * This includes the feature goal, system architecture, user experience flow, and the five pathways
2. **Database Schema** - Section 7.2
   * Add the following database tables to the Database Schema section:
     + seek\_clarity\_interactions
     + practical\_examples
     + journal\_challenges
     + learning\_path\_progress
   * Include all table definitions with columns, constraints, and indexes
3. **API Endpoints** - Section 8.3
   * Add the following API endpoints to the API Design section:
     + POST /api/v1/seek-clarity/practical-examples
     + GET /api/v1/seek-clarity/practical-examples/{task\_id}
     + POST /api/v1/seek-clarity/practical-rephrasing
     + POST /api/v1/seek-clarity/journal-challenge
     + POST /api/v1/seek-clarity/wisdom-sharing
     + POST /api/v1/seek-clarity/learning-path
   * Include all request/response examples
4. **Celery Configuration** - Section 10.1 & 10.3
   * Add the Seek Clarity queue structure to Section 10.1 (Queue Structure)
   * Add the Seek Clarity tasks to Section 10.3 (Task Definitions):
     + generate\_practical\_examples
     + generate\_practical\_rephrasing
     + create\_journal\_challenge
     + send\_pathway\_completion\_notification
     + track\_pathway\_analytics
5. **AI Router Integration** - Section 9.3
   * Update the Context-Specific Tone Prompt Workflow section to include:
     + Pathway-specific model selection
     + Tone selection for each pathway
     + Context-aware prompting
6. **Notification Integration** - Section 5.7
   * Add Seek Clarity notifications to the Notification System section:
     + Pathway completion notifications
     + Achievement notifications
     + Engagement notifications
7. **Journal Integration** - Section 5.3
   * Add Seek Clarity journal challenges to the Journal Feature section:
     + Challenge templates
     + Progress tracking
     + Concept tagging
8. **XP System** - Section 6.2 & 6.4
   * Add Seek Clarity XP values to Section 6.2 (XP Values)
   * Add Seek Clarity badges to Section 6.4 (Badge Definitions)
9. **Analytics Integration** - Section 11.2
   * Add Seek Clarity analytics to the Analytics section:
     + Engagement metrics
     + User value metrics
     + Content performance metrics

### Table of Contents Update

Add the following entries to the Table of Contents:

5.1.1 Seek Clarity Feature

5.1.1.1 Feature Goal

5.1.1.2 System Architecture

5.1.1.3 API Endpoints

5.1.1.4 User Experience Flow

5.1.1.5 The Five Pathways

5.1.1.6 Celery Integration

5.1.1.7 Notification Integration

5.1.1.8 Journal Integration

5.1.1.9 AI Router Integration

5.1.1.10 XP Integration

5.1.1.11 Analytics Integration

5.1.1.12 Implementation Considerations

### Cross-References to Add

Add the following cross-references to existing sections:

1. In **Section 5.1** (Ask Feature):

The Seek Clarity button provides additional pathways for philosophical engagement. See Section 5.1.1 for details.

1. In **Section 5.3** (Journal Feature):

The Journal Feature integrates with Seek Clarity challenges. See Section 5.1.1.8 for integration details.

1. In **Section 6.1** (Progression System):

Seek Clarity interactions provide XP rewards. See Section 5.1.1.10 for XP values.

1. In **Section 9.2** (Model Selection Logic):

Seek Clarity pathways use specialized model selection. See Section 5.1.1.9 for details.

1. In **Section 10** (Asynchronous Processing):

Seek Clarity tasks use specialized queues. See Section 5.1.1.6 for queue structure.

### Specific Code Blocks to Insert

#### Database Schema (Section 7.2)

-- Seek Clarity Interactions Table

CREATE TABLE seek\_clarity\_interactions (

id UUID PRIMARY KEY DEFAULT gen\_random\_uuid(),

user\_id UUID NOT NULL REFERENCES users(id),

response\_id UUID NOT NULL REFERENCES ai\_responses(id),

pathway\_type VARCHAR(50) NOT NULL,

interaction\_data JSONB,

created\_at TIMESTAMP WITH TIME ZONE DEFAULT NOW(),

completed\_at TIMESTAMP WITH TIME ZONE,

xp\_earned INTEGER DEFAULT 0

);

CREATE INDEX idx\_seek\_clarity\_interactions\_user\_id ON seek\_clarity\_interactions(user\_id);

CREATE INDEX idx\_seek\_clarity\_interactions\_response\_id ON seek\_clarity\_interactions(response\_id);

-- Practical Examples Table

CREATE TABLE practical\_examples (

id UUID PRIMARY KEY DEFAULT gen\_random\_uuid(),

interaction\_id UUID NOT NULL REFERENCES seek\_clarity\_interactions(id),

title VARCHAR(255) NOT NULL,

content TEXT NOT NULL,

source\_url VARCHAR(255),

source\_name VARCHAR(255),

concept\_ids JSONB NOT NULL,

created\_at TIMESTAMP WITH TIME ZONE DEFAULT NOW()

);

CREATE INDEX idx\_practical\_examples\_interaction\_id ON practical\_examples(interaction\_id);

-- Journal Challenges Table

CREATE TABLE journal\_challenges (

id UUID PRIMARY KEY DEFAULT gen\_random\_uuid(),

interaction\_id UUID NOT NULL REFERENCES seek\_clarity\_interactions(id),

journal\_entry\_id UUID REFERENCES journal\_entries(id),

challenge\_type VARCHAR(50) NOT NULL,

challenge\_content TEXT NOT NULL,

due\_date TIMESTAMP WITH TIME ZONE,

is\_completed BOOLEAN DEFAULT FALSE,

completion\_date TIMESTAMP WITH TIME ZONE,

concept\_ids JSONB NOT NULL,

created\_at TIMESTAMP WITH TIME ZONE DEFAULT NOW()

);

CREATE INDEX idx\_journal\_challenges\_interaction\_id ON journal\_challenges(interaction\_id);

CREATE INDEX idx\_journal\_challenges\_journal\_entry\_id ON journal\_challenges(journal\_entry\_id);

CREATE INDEX idx\_journal\_challenges\_due\_date ON journal\_challenges(due\_date);

-- Learning Path Progress Table

CREATE TABLE learning\_path\_progress (

id UUID PRIMARY KEY DEFAULT gen\_random\_uuid(),

user\_id UUID NOT NULL REFERENCES users(id),

interaction\_id UUID NOT NULL REFERENCES seek\_clarity\_interactions(id),

concept\_id UUID NOT NULL REFERENCES concepts(id),

progress\_percentage INTEGER DEFAULT 0,

is\_completed BOOLEAN DEFAULT FALSE,

created\_at TIMESTAMP WITH TIME ZONE DEFAULT NOW(),

updated\_at TIMESTAMP WITH TIME ZONE DEFAULT NOW()

);

CREATE INDEX idx\_learning\_path\_progress\_user\_id ON learning\_path\_progress(user\_id);

CREATE INDEX idx\_learning\_path\_progress\_concept\_id ON learning\_path\_progress(concept\_id);

#### Celery Configuration (Section 10.1)

# Queue structure for Seek Clarity

seek\_clarity\_exchange = Exchange('seek\_clarity', type='direct')

task\_queues = (

Queue('seek\_clarity\_ai', seek\_clarity\_exchange, routing\_key='seek\_clarity.ai',

queue\_arguments={'x-max-priority': 7}),

Queue('seek\_clarity\_journal', seek\_clarity\_exchange, routing\_key='seek\_clarity.journal',

queue\_arguments={'x-max-priority': 5}),

Queue('seek\_clarity\_analytics', seek\_clarity\_exchange, routing\_key='seek\_clarity.analytics',

queue\_arguments={'x-max-priority': 3}),

)

# Task routing for Seek Clarity

task\_routes = {

'tasks.seek\_clarity\_tasks.generate\_practical\_examples': {

'queue': 'seek\_clarity\_ai',

'routing\_key': 'seek\_clarity.ai'

},

'tasks.seek\_clarity\_tasks.generate\_practical\_rephrasing': {

'queue': 'seek\_clarity\_ai',

'routing\_key': 'seek\_clarity.ai'

},

'tasks.seek\_clarity\_tasks.create\_journal\_challenge': {

'queue': 'seek\_clarity\_journal',

'routing\_key': 'seek\_clarity.journal'

},

'tasks.seek\_clarity\_tasks.track\_pathway\_analytics': {

'queue': 'seek\_clarity\_analytics',

'routing\_key': 'seek\_clarity.analytics'

},

}

#### XP Values (Section 6.2)

| Action | XP Value |

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

| Opening Seek Clarity panel | 2 XP |

| Viewing practical examples | 10 XP |

| Generating practical rephrasing | 12 XP |

| Creating journal challenge | 15 XP |

| Completing journal challenge | 25 XP |

| Sharing wisdom | 8 XP |

| Starting learning path | 10 XP |

| Learning path progress milestone | 5 XP |

| Completing learning path | 30 XP |

#### Badge Definitions (Section 6.4)

- \*\*Clarity Explorer\*\*: Used all five Seek Clarity pathways (50 XP)

- \*\*Practical Philosopher\*\*: Completed 10 practical rephrasing interactions (75 XP)

- \*\*Challenge Master\*\*: Completed 5 weekly philosophical challenges (100 XP)

- \*\*Wisdom Sharer\*\*: Shared philosophical insights 20 times (60 XP)

- \*\*Learning Path Pioneer\*\*: Completed 3 philosophical learning paths (125 XP)

### Implementation Notes

1. The Seek Clarity feature should be implemented after the core Ask Feature is stable
2. Database migrations should be run before deploying the feature
3. Celery workers must be configured before activating the feature
4. Frontend components should be implemented with progressive disclosure in mind
5. All API endpoints should include appropriate authentication and rate limiting