1. **Gamification Engine** (**gamificationEngine.js**):
   * Experience points (XP) system
   * Level progression
   * Achievement system
   * Reward unlocks
   * Leaderboards
   * Skill tracking
   * Streak bonuses
   * Contribution rewards
2. **Analytics Engine** (**analyticsEngine.js**):
   * Content performance analytics
   * Media consumption analytics
   * User engagement tracking
   * Learning progress analysis
   * Custom timeframe analysis
   * Organization-wide insights
3. **Updated API Documentation**:
   * Gamification endpoints
   * Analytics endpoints
   * Detailed response schemas
   * Query parameters
   * Feature descriptions

These new features provide:

* Increased user engagement through gamification
* Better insights through analytics
* Improved tracking and reporting
* Enhanced user motivation
* Data-driven decision making

1. **Notification Client** (**notificationClient.js**):
   * Integration with notification service
   * Template-based notifications
   * Support for multiple channels (email, in-app, push)
   * Batch notification support
   * Priority levels
   * Notification types:
     + Content comments/replies
     + Achievements/level-ups
     + Content mentions/shares
     + Skill milestones
     + Learning reminders
     + Course updates
     + Assignment due dates
2. **Social Learning Engine** (**socialLearningEngine.js**):
   * Study groups
     + Creation and management
     + Member roles
     + Private/public groups
   * Discussion threads
     + Thread creation
     + Replies and mentions
     + Notifications
   * Collaborative notes
     + Multi-user editing
     + Version control
     + Sharing
   * Learning network
     + Recommended groups
     + Network analysis
     + Shared interests
3. **Moderation Client** (**moderationClient.js**):
   * Integration with moderation service
   * Content moderation checks
   * Report handling
   * Batch moderation support
   * Status tracking Features:
   * Pre-moderation of content
   * User reporting system
   * Content status tracking
   * Batch processing
4. **Enhanced Social Learning Engine** with Peer Review:
   * Peer Review System:
     + Review request creation
     + Review submission
     + Automatic reviewer selection
     + Review finalization
     + XP rewards for reviewers
   * Integration with:
     + Notification service (for review notifications)
     + Moderation service (for content checks)
     + Gamification system (for XP rewards) Features:
   * Smart reviewer matching
   * Rubric-based reviews
   * Automated review workflow
   * Reviewer workload management
   * Quality metrics

The system now:

1. Uses existing notification service for all notifications
2. Integrates with moderation service for content checks
3. Leverages gamification for reviewer incentives
4. Provides a complete peer review workflow