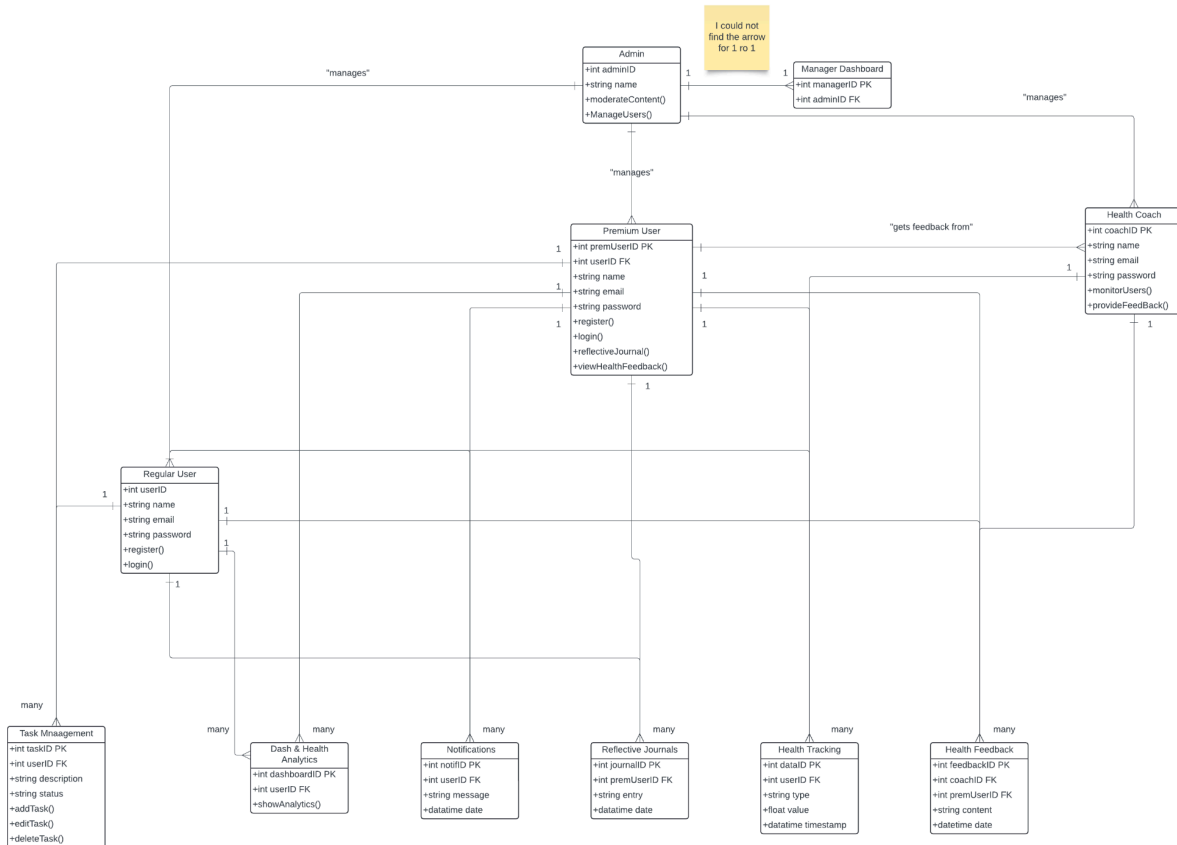


TaskWell

Deliverable 2

ERD DIAGRAM



This ERD diagram models four main user roles.

- **Regular Users:** Can manage tasks, track health, receive notifications, and see analytics.
- **Premium Users:** Inherits Regular User features, and also can write journal entries and receive health feedback.
- **Health Coaches:** Can view user data and provide feedback to Premium Users.
- **Admins:** Can manage users and moderate content using a dedicated dashboard.

Regular User

- Primary Key: userID
- Attributes: name, email, password
- Methods: register(), login()
- Relationships:
 - 1-to-many with Task Management
 - 1-to-many with Dash & Health Analytics
 - 1-to-many with Notifications
 - 1-to-many with Health Tracking
 - 1-1 with Premium User

Premium User

- Primary Key: premiumUserID
- Foreign Key: userID (inherits Regular User)
- Attributes: name, email, password (duplicated for simplicity)
- Methods: register(), login(), reflectiveJournal(), viewHealthFeedback()
- Relationships:
 - 1-to-many with Reflective Journals
 - 1-to-many with Health Feedback (receives feedback)
 - 1-to-many with Health Tracking (via inherited Regular User)
 - Can be monitored by a Health Coach (many-to-1)
 - Still tied to tasks, analytics, notifications, and health tracking via inherited userID.

Health Coach

- Primary Key: coachID
- Attributes: name, email, password
- Methods: monitorUsers(), provideFeedback()
- Relationships:
 - 1 coach to many Health Feedbacks
 - Many Premium Users can receive feedback from a single coach