Soccer Web App Schema & Models

Users

**Player:**

* name: String,
* email: String, unique, lowercase
* profilePic: String
* passwordHash: String
* salt (do we need this?): String
* League: {type: mongoose.Schema.Types.ObjectId, ref: 'League'}
* Tournament: {type: mongoose.Schema.Types.ObjectId, ref: 'Tournament'}
* Comments: {type: mongoose.Schema.Types.ObjectId, ref: 'Comments’}
* Inbox: {type: mongoose.Schema.Types.ObjectId, ref: 'Inbox'}
* Coach: {type: mongoose.Schema.Types.ObjectId, ref: 'Coach'}
* Team: {type: mongoose.Schema.Types.ObjectId, ref: 'Team'}

**Coach:**

* name: String,
* email: String, unique, lowercase
* profilePic: String
* passwordHash: String
* salt (do we need this?): String
* League: {type: mongoose.Schema.Types.ObjectId, ref: 'League'}
* Tournament: {type: mongoose.Schema.Types.ObjectId, ref: 'Tournament'}
* Comments: {type: mongoose.Schema.Types.ObjectId, ref: 'Comments’}
* Inbox: {type: mongoose.Schema.Types.ObjectId, ref: 'Inbox'}
* Player: {type: mongoose.Schema.Types.ObjectId, ref: 'Player'}
* Team: {type: mongoose.Schema.Types.ObjectId, ref: 'Team'}

**Administrator:**

* name: String,
* email: String, unique, lowercase
* profilePic: String
* passwordHash: String
* salt (do we need this?): String
* League: {type: mongoose.Schema.Types.ObjectId, ref: 'League'}
* Tournament: {type: mongoose.Schema.Types.ObjectId, ref: 'Tournament'}
* Comments: {type: mongoose.Schema.Types.ObjectId, ref: 'Comments’}
* Inbox: {type: mongoose.Schema.Types.ObjectId, ref: 'Inbox'}

Collections/Miscellaneous

**Team:**

* Coach: {type: mongoose.Schema.Types.ObjectId, ref: 'Coach'}
* Player: {type: mongoose.Schema.Types.ObjectId, ref: 'Player'}
* Leauge: {type: mongoose.Schema.Types.ObjectId, ref: 'League'}
* Schedule: (combination of Dates?)

**League:**

* Teams: {type: mongoose.Schema.Types.ObjectId, ref: 'Team'}
* Schedule: {type: mongoose.Schema.Types.ObjectId, ref: 'Schedule'}
* Administrator: {type: mongoose.Schema.Types.ObjectId, ref: 'Administrator'}
* Ranking: Object

**Tournament**

* Teams: {type: mongoose.Schema.Types.ObjectId, ref: 'Team'}
* Schedule: {type: mongoose.Schema.Types.ObjectId, ref: 'Schedule'}
* Administrator: {type: mongoose.Schema.Types.ObjectId, ref: 'Administrator'}
* Winner (would it reference “Team”?)
* Participants: number/Object

**Match:**

* Winner: (would it reference “Team”?)
* Teams: {type: mongoose.Schema.Types.ObjectId, ref: 'Team'}
* Tournament: {type: mongoose.Schema.Types.ObjectId, ref: 'Tournament'}
* League: {type: mongoose.Schema.Types.ObjectId, ref: 'League'}
* date: Date

**Comments:**

* created: Date
* addedBy: (have it be able to reference ANY type of user)
* body: String,
* profilePic: (have it ref a type of user and display their profilePic if they have one)

**Inbox:**

* User: (have it be able to reference a type of user–coach, player or admin)
* Messages: (do we need a separate model for this?) an array