



Rest Services

CategoryService:

- createCategory(Category)
- deleteCategory(String)
- updateCategory(Category)
- getCategories(): List<Category>
- getCategory(String): Category

UserService:

- createUser(User): boolean
- changePassword(User, String)
- changeRole(User, String): boolean

ProfileService:

- updateProfileCategories(List<Category>): boolean

- updateProfileFriend(List<Profile>): boolean
- updateProfileAuthor(List<Profile>): boolean
- createProfile(Profile): boolean
- updateProfile(Profile): boolean
- getUserCategories(Profile)
- getUserFriends(Profile)
- getUserAuthors(Profile)
- saveUserStory()+delete->save stories for later

StoryService:

- createStory(Story)
- updateStory(User, Story): boolean
- deleteStory(User, String): boolean
- addEpisode(Episode): boolean
- updateEpisode(User, Episode): boolean
- deleteEpisode(User, Episode): boolean
- addEpisodeNote(Note, Episode): boolean
- updateEpisodeNote(Node, Episode): boolean
- deleteEpisodeNote(User, String): boolean
- getStory(story_id)
- getEpisode(episode_id)
- getEpisodeNotes(Episode)
- getEpisodeNote(note_id)
- getStoryCategories()

ReviewService:

- getReviews(Episode): List<Review>
- getReviews(Profile): List<Review>

- addReview(Review, Episode): boolean
- updateReview(Review, Episode): boolean
- deleteReview(User, String): boolean

Service Layer

FileParser

- parseFile(InputStream): String

CompressUtil

- compressText(String): byte[]
- decompressText(byte[]): String