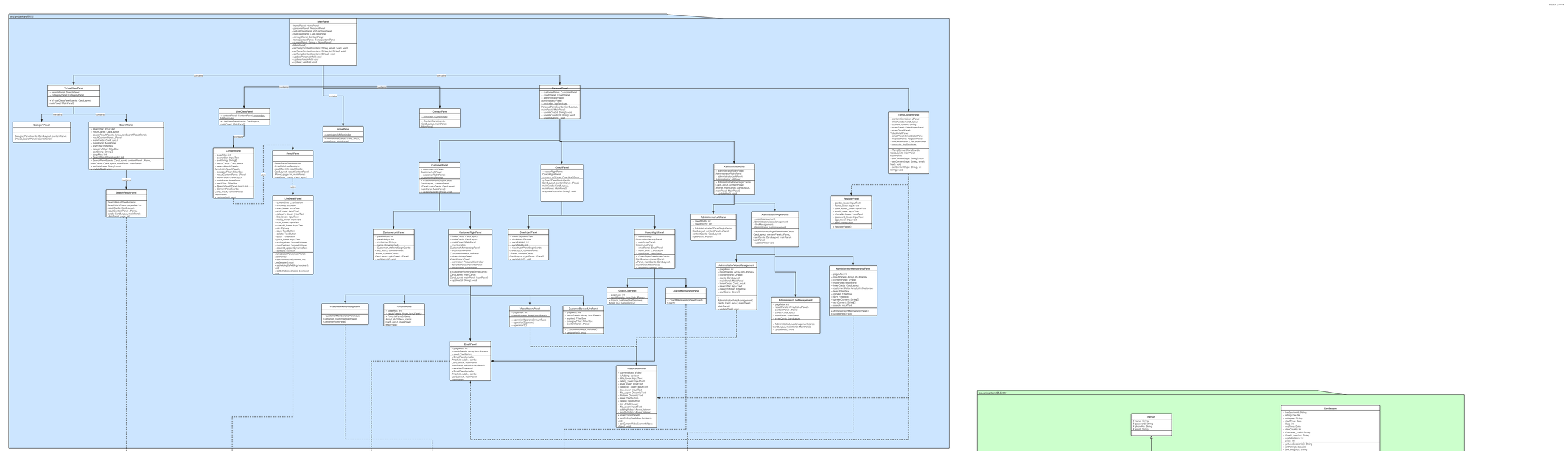

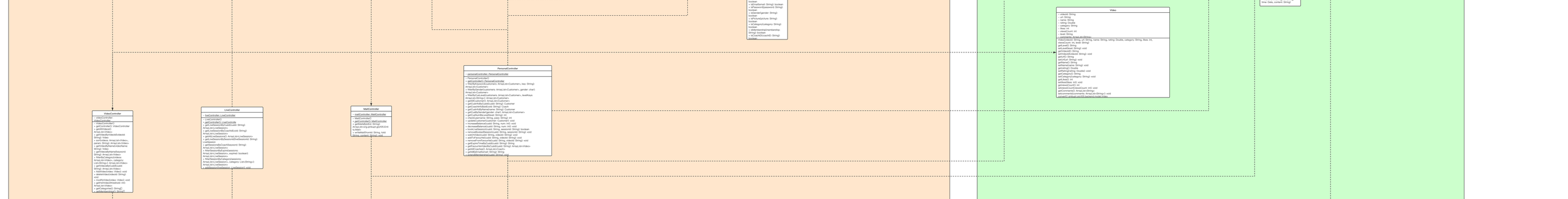
org.pinkyjet.grp105.Controller
VideoController
- videoList: ArrayList<Video>
+ VideoController()
+ getVideoById(videoId: String): Video
+ getAllVideos(): ArrayList<Video>
+ getVideosByCoachId(coachId: String): ArrayList<Video>
+ sortVideos(sortBy: String, ascending: boolean): ArrayList<Video>
+ searchVideos(keyword: String): ArrayList<Video>
+ addVideo(video: Video): void
+ updateVideo(video: Video): void
+ deleteVideo(videoId: String): void
+ getTopRatedVideos(limit: int): ArrayList<Video>
+ getVideosByCategory(category: String): ArrayList<Video>
+ getVideosByPriceRange(minPrice: double, maxPrice: double): ArrayList<Video>
+ getVideosByDateRange(startDate: String, endDate: String): ArrayList<Video>
+ getVideosByCoachAndCategory(coachId: String, category: String): ArrayList<Video>
+ getVideosSortedByRating(ascending: boolean): ArrayList<Video>
+ getVideosSortedByPrice(ascending: boolean): ArrayList<Video>
+ getVideosSortedByDate(ascending: boolean): ArrayList<Video>
+ getVideoCount(): int
+ getVideoCountByCoach(coachId: String): int
+ getVideoCountByCategory(category: String): int
+ getAverageRatingByCoach(coachId: String): double
+ getTotalRevenueByCoach(coachId: String): double
+ getMostPopularVideo(): Video
+ getLeastPopularVideo(): Video
+ getRecentVideos(limit: int): ArrayList<Video>
+ getVideosWithHighEngagement(minViews: int, minRating: double): ArrayList<Video>
+ getVideosByDuration(minDuration: int, maxDuration: int): ArrayList<Video>
+ getVideosByTag(tag: String): ArrayList<Video>
+ getRelatedVideos(videoId: String, limit: int): ArrayList<Video>
+ getVideosByCoachSortedByRating(coachId: String): ArrayList<Video>
+ getVideosByCoachSortedByDate(coachId: String): ArrayList<Video>
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+ getVideosByCoachSortedByLeastFearful