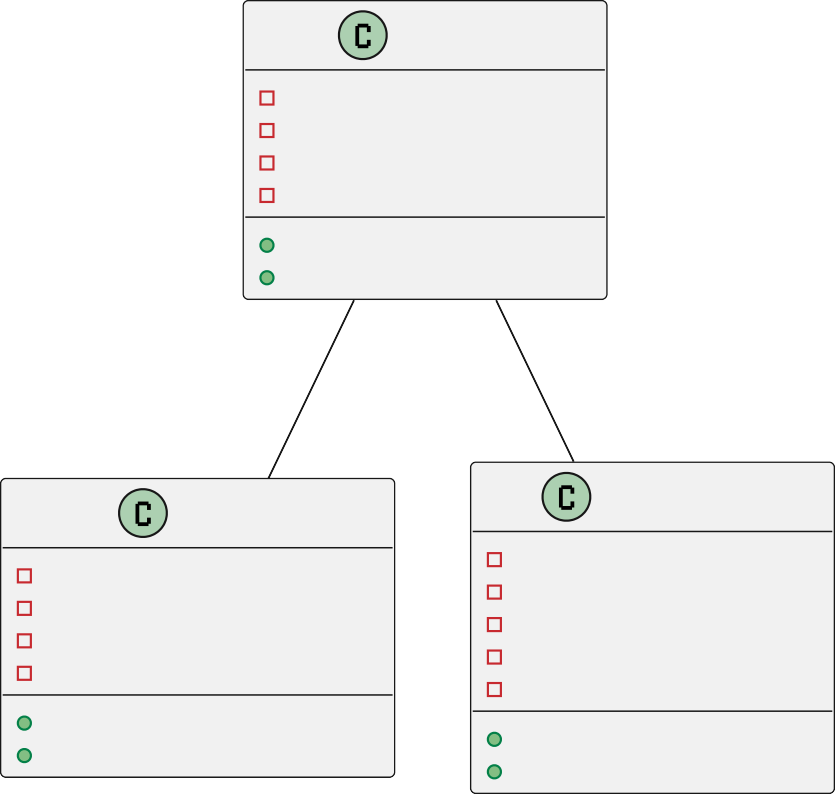
**MUESEUM MANAGEMENT SYSTEM**

TEAM NO : 33

* Team Member 1: P. Venkata Girish
* Team Member 2: U. Praveen
* Team Member 3: P. Sai Srinivas

UML DIAGRAM



Visitor

id: String name: String

contactInfo: String membershipId: String

v i s i t ( ) : v o i d

register(): void

1

buys

1

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can have

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Ticket

t icket Id: String v i s i tor Id: String issueDate: Date

price: Double

generateTicket(): void cancelTicket(): void

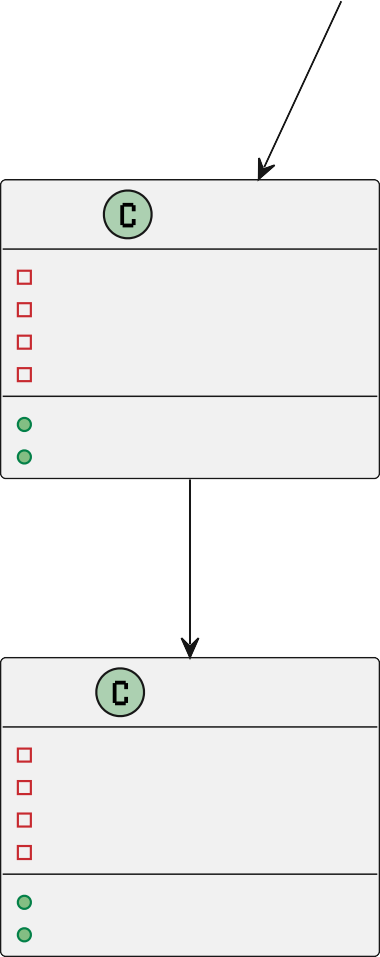
Membership

membershipId: String v i s i tor Id: String

type: String

startDate: Date endDate: Date

register(): void renew(): void



works for

contains

organizes

Exhibit

t i t l e : S t r i n g

description: String startDate: Date endDate: Date

display Info(): String updateInfo(): void

contains

A r t i f a c t

id: String name: String type: String

exhibit Id: String

display Info(): String updateInfo(): void

scheduleEvent(): void cancelEvent(): void

eventId: String t i t l e : S t r i n g

description: String date: Date

t ime: String

Event

add Exhibit( e: Exhibit): void

removeExhibit(e: Exhibit): void getExhibits(): List<Exhibit>

name: String

location: String openHours: String

contactInfo: String

Museum

assignTask(): void updateRole(): void

id: String name: String role: String

salary: Double

Employee

**Problem Statement:**

**In the realm of museum administration, effective management stands as the cornerstone for preserving cultural treasures and delivering immersive experiences to visitors. A sophisticated Museum Management System (MMS) is proposed, engineered to orchestrate a seamless interplay among key entities such as exhibits, visitors, tickets, collections, curators, donations, events, memberships, guides, and conservation efforts.**

**By harnessing the capabilities of the MMS, museums can meticulously curate exhibits, personalize visitor engagements, streamline ticketing and membership services, facilitate curatorship and conservation endeavors, orchestrate donation drives and events, and offer enlightening guided tours. This holistic approach endeavors to optimize museum operations, elevate visitor satisfaction, foster community involvement, and uphold the enduring legacy of cultural heritage.**

**Through the deployment of the MMS, museums aspire to transcend as dynamic hubs of knowledge, enlightenment, and cultural enrichment, ensuring the preservation and perpetuation of invaluable artifacts for generations to come.**