Following is the list of classes with their attributes and Public or Private Methods in our LNMIIT Gymkhana Workflow Management Software:

### 1.) Club

List of Attributes (private):

- 1.) Club Name
- 2.) Council
- 3.) Coordinator
- 4.) Budget Allocated
- 5.) Events
- 6.) Budget Utilized
- 7.) Status
- 8.) Description
- 9.) Created By
- 10.) Club ID
- 11.) Date Creation
- 12.) Time Creation
- 13.) Date Activation
- 14.) Date valid upto
- 15.) Faculty Mentor

- 1.) public create\_club ()
- 2.) public modify\_club (club\_id)
- 3.) public delete\_club (club\_id)
- 4.) public approve\_club (club\_id,user)
- 5.) public increment\_no\_of\_events ()
- 6.) public decrement\_no\_of\_events ()
- 7.) public modify\_budget\_utilized (club\_id,amount)
- 8.) public budget available (club id)
- 9.) public view\_club\_details (club\_id)

### 2.) Events

List of attributes (private):

- 1.) Event ID
- 2.) Name
- 3.) Start Date
- 4.) Start Time
- 5.) End Date
- 6.) End Time
- 7.) Organizer
- 8.) Details
- 9.) Approval Status GSec
- 10.) Approval Status DeanSA
- 11.) Club ID
- 12.) Creation Date
- 13.) Creation Time

- 1.) public create\_event ()
- 2.) public modify event (event id)
- 3.) public delete event (event id)
- 4.) public approve\_event (event\_id, user)
- 5.) public view\_event (event\_id)
- 6.) public fetch event name (event id)
- 7.) public fetch event id (regex)
- 8.) public event\_organizing\_club (club\_id)

## 3.) Budget

## List of attributes (private):

- 1.) Budget ID
- 2.) Budget Demanded
- 3.) Created By
- 4.) Date of Creation
- 5.) Time of Creation
- 6.) Budget Details
- 7.) Event ID
- 8.) Club ID
- 9.) Approval Status Gsec
- 10.) Approval Status Finance Committee
- 11.) Approval Status DeanSA
- 12.) Approval Status Finance Department

- 1.) public create\_budget ()
- 2.) public modify\_budget (budget\_id)
- 3.) public delete\_budget (budget\_id)
- 4.) public approve\_budget (budget\_id,user)
- 5.) public view\_budget (budget\_id)

## 6.) Venue

## List of attributes (private):

- 1.) Venue Name
- 2.) Venue ID
- 3.) Event ID
- 4.) Organizer
- 5.) Date In
- 6.) Time In
- 7.) Date Out
- 8.) Time Out
- 9.) Status
- 10.) Created By
- 11.) Date of Creation
- 12.) Time of Creation

- 1.) public create\_venue ()
- 2.) public modify\_venue (venue\_id)
- 3.) public approve\_venue (venue\_id)
- 4.) public delete\_venue (venue\_id)
- 5.) public fetch\_venue (event\_id)