

Data Dictionary

Event Sight

Submitted By :

19103007 : Shivam Arora

19103022: Sarthak Chauhan

19103026: Aayush Gupta

19103028: Arjun Kathail

Processes

Sr. no.	Process Name	Description	Inbound Data Flows	Outbound Data Flows
1	Login	Logging into the App. The role of the person (i.e. Student/Admin) is to be declared at the time of the login	Login Credentials	Login Feedback
2	Signup	Signing Up of new user	SignUp Credentials	SignUp Feedback
3	Member Verification	Verifying and Accepting Member requests	Member Verification Request Student Details	Feedback (Accept/Denial)
4	Follow	Sending Follow Request	Follow request Student Details	Feedback (Accept/Denial)
5	Event	Handling Events	1. Added/Updated General/Club Specific Event Notices 2. Comments	1. General/Club Specific Event Notices 2. Comments
6	Participation	Register to participate in events	Event Participation Request	Feedback (Accept/Denial)
7	Mark Interested	Marking the events that one is interested in.	Interested Event Details	Interested Event Details

Data Flow

Sr. no.	Data Flow Name	Description	From Processes	To Processes	Data Structures
1	Login credentials	The details that the user has to enter to verify his/her identity as Student/Admin		Login	Student Login Credentials
2	Login Feedback	Identity verification feedback	Login		Student Details
3	SignUp Credentials	The details that the user has to enter to create a new account		Signup	Student Details
4	SignUp Feedback	New account creation feedback	Signup		Student Details
5	Member Verification Request Student Details	request to a club to accept as a member		Member Verification	Member request
6	Follow request Student Details	request to follow a club		Follow	Club Follow Request
7	Added/Updated General/Club Specific Event Notices	The event details of all the newly posted or updated events		Event	Event Details

8	General/Club Specific Event Notices	Fetches Posted/Updated Event Details	Event		Event Details
9	Event Participation request	The details to register in an event		Participation	1. Event Details 2. Student Details
10	Interested Event Details	The details to save an event as Interested Event		Mark Interested	1. Event Details 2. Student Details
11	Interested Event Details	The fetched details of Interested Events	Mark Interested		Event Details
12	Comments	Posting comments under an Event		Event	Comment Details
13	Comments	Fetching comments under an Event	Event		Comment Details

Data Structures

Student details:

- Password
- Username
- First_name
- Last_name
- Email
- Branch

Club details:

- Club Name
- Admin
- Description

Student login credentials:


- Username
- Password
- Role (Student/Admin)

Member Request:

- Student details
- Club details

Club Follow Request:

- Student details
- Club details



Event details:

- Event ID
- Title
- Description
- Details
- date_time
- open_to_all
- image_url
- Organizer(Club Name)

Comment:

- Comment ID
- Comment Text
- Comment date_time
- Username (Student details)
- Event ID (Event details)

Data Stores

DATA STORES					
P	Primary Key				
F	Foreign Key				
TABLE	P/F	Field Name	Context	Data Type	Data Size/Length
Student	P	username	Student Id	TEXT	8 characters
		email	email	TEXT	32 characters
		password	password	TEXT	32 characters
		first_name	First Name	TEXT	32 characters
		last_name	Last Name	TEXT	32 characters
Club	P	name	Club Name	TEXT	128 characters
	F	admin	admin(Student) Id	TEXT	8 characters
		description	description	TEXT	2048 characters
		image_url	URL of Image	TEXT	
members	F	username	Student Id	TEXT	8 characters
	F	club_id	Club Id	INTEGER	8 bytes
followers	F	username	Student Id	TEXT	8 characters
	F	club_id	Club Id	INTEGER	8 bytes
member_request	F	username	Student Id	TEXT	8 characters
	F	club_id	Club Id	INTEGER	8 bytes
		date_time	date, time of request	date/time	

TABLE	P/F	Field Name	Context	Data Type	Data Size/Length
Event	P	event_id	ID	INTEGER	8 bytes
	F	organizer	Club ID	INTEGER	8 bytes
		title	title	TEXT	128 characters
		description	description	TEXT	2048 characters
		details	details	TEXT	2048 characters
		date_time	date/time of event	date/time	
		open_to_all	scope of event	boolean	1 bit
		image_url	image of event	TEXT	
interested	F	username	Student Id	TEXT	8 characters
	F	event_id	Event Id	INTEGER	8 bytes
participants	F	username	Student Id	TEXT	8 characters
	F	event_id	Event Id	INTEGER	8 bytes
participation_request	F	username	Student Id	TEXT	8 characters
	F	event_id	Event Id	INTEGER	8 bytes
		date_time	date	date/time	
Comment	P	comment_id	ID	INTEGER	8 bytes
		comment_text	content in comment	TEXT	2048 characters
		date_time	date/time created	date/time	
	F	username	Student Id	TEXT	8 characters
	F	event_id	Event Id	INTEGER	8 bytes