# sked-it
## Analysis Model

Submitted to:

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***Unique Reference:***

The documents are stored in the https://github.com/jvdelasierra/sked-it/tree/master/02-Requirements%20Engineering/Project%20Deliverables referenced 3-sked-it-Analysis Model.pdf..

***Purpose:***

The purpose of this document is to formalize the Analysis Method of sked-it by deriving it from the Use Case Model and Specifications

***Audience:***

The target audience of this document includes the developers of the sked-it project and any person who wishes to learn more about the project.

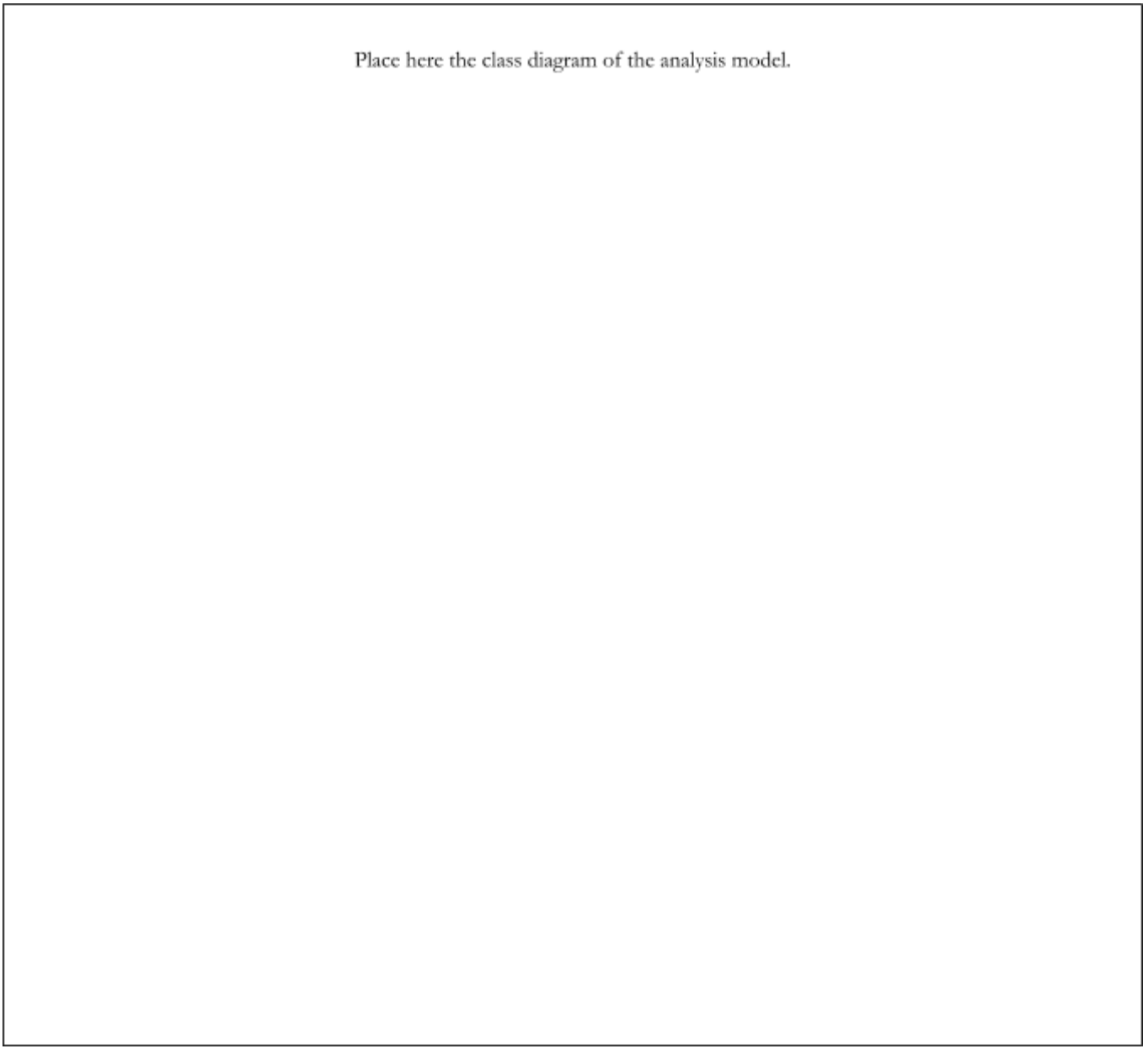
***Revision Control:***

| ***Revision Date*** | ***Person Responsible*** | ***Version Number*** | ***Modification*** |
|---|---|---|---|
| 09/28/2019 | Joshua V. Dela Sierra | 1.0 | Initial Document |
| | | | |

System Name: [Name of the System eg. Athlete Record Maintenance System]

Description: [Brief Description of the System in 3-7 sentences.]

***Analysis Model*:**



***Boundary Classes:***

| **Class Name** | **Description** |
|---|---|
| AthleteRecordUI | This is the interface of the club staff to the system whenever he or she needs to maintain athlete record.<br>Responsibilities:<br>public void enterAthleteData(String lastname, String firstname, String mi, String<br>address, String postalCode, Date bday, Char gender, String status)<br>public void enterGuardianData(String lastname String firstname, String mi, String<br>address, String postalCode, String telephone) |
| | |

***Control Classes:***

| **Class Name** | **Description** |
|---|---|
| MaintainAthleteController | This is the control that maintain athlete record. It is considered an abstract class. |
| AddAthleteController | This is the control that adds an athlete to the system. It extends MaintainAthleteController.<br>Responsibilities:<br>public void AddAthlete(Athelete a) |

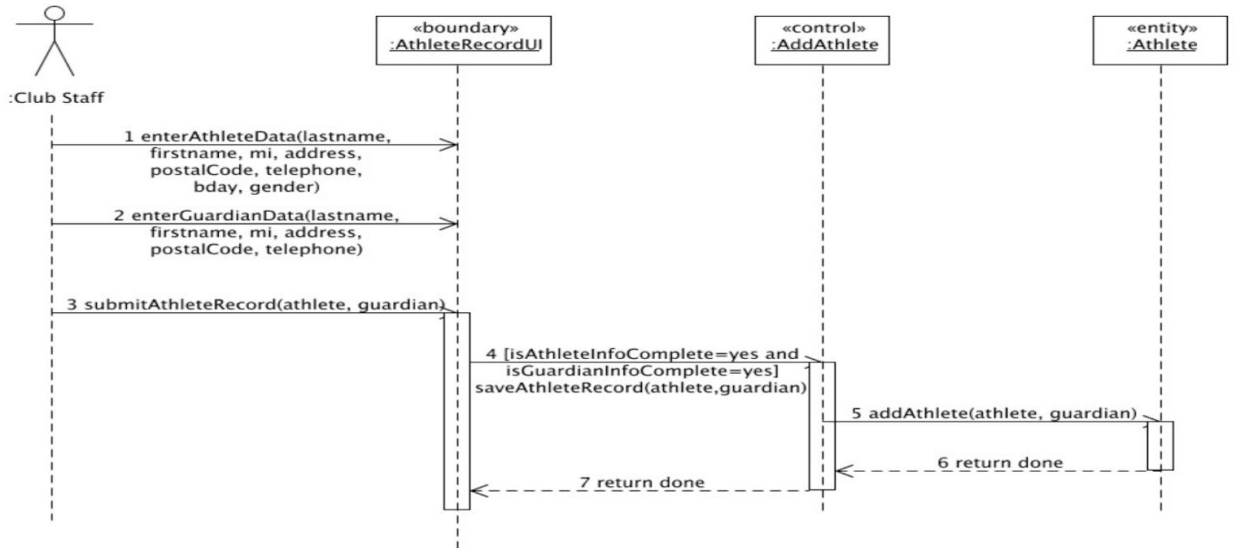
***Entity Classes:***

| **Class Name** | **Description** |
|---|---|
| Athlete | This is the entity class athlete, which contains the data about the athlete.<br>Attributes:<br>private int athleteID<br>private String lastname<br>private String firstname<br>private char gender = [M or F]<br>…<br>private String status; // provides the status code of the athlete eg. ACTIVE, SUSPENDED |

**Behavioral Model:**

Use-Case Name: [Name of Use Case: eg. 1.0 Applicant is assigned to a squad.]
Description: [Write the 3 to 5 sentences that describes the Use Case.]

Scenario 1: Add athlete record successfully. (Basic Flow)




Scenario 2: Athlete record with incomplete athlete data data.

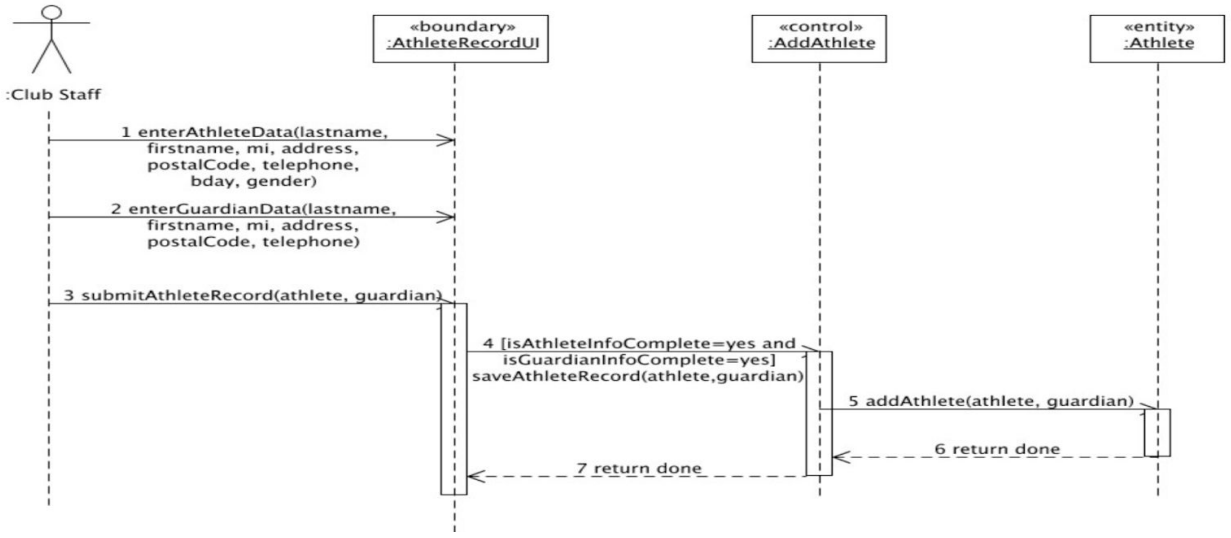
[Sequence Diagram of Scenario 2]

Scenario 3: Athelte record with incomplete guardian data.

[Sequence Diagram of Scenario 3]

Use-Case Name: [Name of Use Case: eg. 1.0 Applicant is assigned to a squad.]
Description: [Write the 3 to 5 sentences that describes the Use Case.]

Scenario 1: Basic Flow




Scenario 2:

Scenario 3: