**Executable Release: Database**

**Goal:**

Create a central database subsystem to house all of the information pertinent to the skating events of the Winter Olympics. This includes information from teams, athletes, judges, events, rinks, scores, and medal counts.

**Classes to be implemented:**

Database Subsystem

Medal

**Previously implemented classes to use:**

None (Start of Executable Releases)

**Use case to be implemented:**

Display event information, scores, and current standings

**Inputs:**

Test values

**Outputs:**

A database that houses all relevant information needed for the system at hand (shell).

**Time for completion:**

4/07/2018

**Executable Release: Registration**

**Goal:**

Create an interface to register various teams along with their respective athletes.

**Classes to be implemented:**

Registration

Athlete

Team

**Previously implemented classes to use:**

Database

**Use case to be implemented:**

Register countries as teams and individuals as athletes

**Inputs:**

Team names

Athlete information

**Outputs:**

An interface for the allowance to register teams as well as athletes. This includes a screen for the registration of a team and a separate screen for athletes. Athlete’s first/last name, gender, and which team (country) they belong to. A complete table is also present on the same screen. Bot have the option to remove entities.

**Time for completion:**

4/10/2018

**Executable Release: Assignment**

**Goal:**

Create an interface such that each athlete is assigned to their respective event.

**Classes to be implemented:**

Event

ALL Speed Skating

ALL Figure Skating

Schedule

**Previously implemented classes to use:**

Database

Registration

Team

Athlete

**Use case to be implemented:**

Allocate each event to a specific rink

Allocate athletes to each event

**Inputs:**

Athletes to events

**Outputs:**

An interface to place each athlete into their respective event.

**Time for completion:**

4/13/2018

**Executable Release: Judges/Scoring**

**Goal:**

Create an interface such that each of the judge’s official scores/times per event are entered into the database.

**Classes to be implemented:**

Judge

Scoring

**Previously implemented classes to use:**

Database

Event

ALL Speed Skating

ALL Figure Skating

**Use case to be implemented:**

Record scores/times from each event

Assign judges to each event

**Inputs:**

Events

Judge’s scores / times

**Outputs:**

An interface that allows the Official Judge to select a particular event and enter the respective athlete’s time or score depending on whether the event at hand is a type of Speed or Figure skating.

**Time for completion:**

4/16/2018

**Executable Release: Separate Login**

**Goal:**

Create an interface such that each official is able to log into this specific subsystem rather than log into the Winter Olympics system as a whole.

**Classes to be implemented:**

Database Extension

**Previously implemented classes to use:**

Database Subsystem

**Use case to be implemented:**

None

**Inputs:**

User ID

User Password

**Outputs:**

An interface that allows official access to the Winter Olympics Skating subsystem.

**Time for completion:**

FUTURE DATE