Fall 2017

Revision History

|  |  |  |  |
| --- | --- | --- | --- |
| **Date** | **Issue** | **Description** | **Author** |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |

Table of Contents

[Potential Entity Classes 4](#_Toc435750985)

[Classes Attributes 5](#_Toc435750986)

[Entity Class Diagram 6](#_Toc435750987)

# Potential Entity Classes

|  |  |
| --- | --- |
| Class name | Brief Description |
| User |  |
| Admin |  |
| Physiotherapist |  |
| Patient |  |
| RehabPlan |  |
| AskAPhysio |  |
| Appointment |  |
| Exercise |  |
| AssessmentTest |  |
| Treatment |  |
| Answer |  |
| Rubric |  |
| Country |  |
| Province |  |
| City |  |
| Payment |  |
| Forms |  |
| Questions |  |
| TouchMe |  |
| Multiple Choice |  |
| Rating |  |
| True/False |  |
| ShortAnswers |  |

# Classes Attributes

1. ***User class***

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| username | String |  |
| password | String |  |
| email | String |  |
| firstName | String |  |
| lastName | String |  |

1. ***Patient class***

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| gender | char |  |
| dateOfBirth | date |  |
| postalCode | String |  |
| phoneNo | String |  |
| healthNo | String |  |
| maritalStatus | Boolean |  |
| occupation | String |  |

1. ***Appointment class***

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| time | Date |  |
| comment | String |  |

1. **AskAPhysio class**

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| first | string |  |
| last | string |  |
| emailAddress | string |  |
| body | string |  |

1. **Payment Class**

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| date | Date |  |
| Amount | Double |  |

1. **Country Class**

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| name | string |  |

1. **Province Class**

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| name | string |  |

1. **City Class**

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| name | string |  |

1. **Treatment Class**

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| date | Date |  |

1. **AssessmentTest Class**

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| name | string |  |
| description | String |  |
| authorName | String |  |

1. ***RehabPlan class***

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| rehabName | string |  |
| description | string |  |
| physioID | int |  |
| goal | string |  |
| timeFrame | string |  |

1. ***Exercises class***

|  |  |  |
| --- | --- | --- |
| Attribute name | Type | Brief Description |
| name | String | The name of the exercise. |
| description | String | A description of the exercise. |
| authorName | string | The name of the creator of the exercise. |
| objectives | string | The goal of the exercise/what outcomes the exercise hopes to achieve upon completion. |
| actionsteps | String | The specific steps needed to do the exercise properly. |
| location | string | The specific muscle groups the exercise will target. |
| Frequency&Duration | string | How many repetitions of an exercise and how long each repetition should take. |
| multimediaURL | string | The link associated with this exercise that would take the user to a graphic depiction of how the exercise should look like. |
| targetDate | Date | The dates the exercises should take place. |