**Data Dictionary**

Data Entities:

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| DailyTeeSheet |
| <<PK>> Date: date{format=’mm-dd-yyyy’} |

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| TeeTime |
| <<PK>><<FK>> Date: date {key=PK, order=1, reference=DailyTeeSheet}  <<PK>> Time: time {key=PK, order=2, format=’hh:mm:ss AM/PM’}  NumberOfPlayers: Number {NumberOfPlayers>=1}  NumberOfCarts: Number {NumberOfCarts >=1}  <<FK>> PlayerFirstName: string{reference=Player, size=15}  <<FK>> PlayerLastName: string{reference=Player, size=15} |

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| Player |
| <<PK>>PlayerFirstName: string {key=PK, order=1, size=15}  <<PK>>PlayerLastName: string {key=PK, order=1, size=15}  PhoneNumber: Number {size=10, format=’xxxxxxxxxx’} |

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| StandingTeeTimeRequest |
| <<PK>>MemberNumber: Number {size=5, format=’xxxxx’}  MemberFirstName: string{size=15}  MemberLastName: string{size=15}  RequestedDayOfWeek: DayOfWeek{size=10,value=‘Sunday’,’Monday’,’Tuesday’,’Wednesday’,’Thursday’,’Friday’,’Saturday’}  RequestedTeeTime: time {format=’hh:mm:ss am/pm’ }  RequestedStartDate: date {format=’mm-dd-yyyy’}  RequestedEndDate: date {format=’mm-dd-yyyy’} |

Design Classes:

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| CBGS |
| +ViewTeeSheet(Date:date):DailyTeeSheet  +ViewStandingTeeTime(Date:date):StandingTeeTime[\*]  +BooksTeeTime(SelectedTeeTime:TeeTime):Boolean  +SubmitStandingTeeTimeRequest(RequestedStandingTeeTime:StandingTeeTimeRequest):Boolean |

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| TeeSheets |
| +GetTeeSheet(Date:date): DailyTeeSheet  +AddTeeTime (SelectedTeeTime: TeeTime): Boolean |

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| StandingTeeTimeRequests |
| +GetStandingTeeTime (RequestedStartDate:date):StandingTeeTimeRequest[\*]  +AddStandingTeeTime(RequestedStandingTeeTime:StandingTeeTimeRequest):Boolean |

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| TeeTime |
| +Date:date  +Time:time  +NumberOfPlayers: Number  +NumberOfCarts: Number  +PlayerFirstName: string  +PlayerLastName: string |

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| StandingTeeTimeRequest |
| +RequestedDay: DayOfWeek  +RequestedTeeTime: time  +RequestedStartDate: date  +RequestedEndDate: time  +MemberNumber: Number  +MemberFirstName: string  +MemberLastName: string |

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| DailyTeeSheet |
| +Date: date  +RequestedDailyTeeSheet: DailyTeeSheet |