*Create a set of use cases for the following NBA player trade management system…*

**Use Case Description**

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| Use Case Name: Scout provides trade suggestions | | ID: \_1\_ | Importance Level: High | |
| Primary Actor: Scout | | | | |
| Short Description: This describes how scout analyze and provide trade suggestions to the team. | | | | |
| Trigger: Team manager calls Scout to provide trade suggestions.  Type: **External** / Temporal | | | | |
| Major Inputs:  Description Source  Trade notification Team manager  Position/Player information Head coach  Player statistics Player Data store  Future draft picks Draft Data store  Trade suggestions Scout  Create meeting Scout  Notify head coach Head coach | Major Outputs:  Description Destination  Trade notification Scout  Meeting notification Head coach  Trade suggestions Trade suggestions  Data store  Final Trade suggestion Team Manager  Trade suggestions ratings Scout Data Store | | | |
| Major Steps Performed   1. Scout receives notification from the team manager. 2. Scout creates a meeting with head coach 3. Head coach provides the player and position needed. 4. Scout browses through players and analyze their performance for a particular position. 5. Scout analyzes future draft picks. 6. Scout prepares possible trade suggestions. 7. Scout prioritizes suggestions and gives a standard rating for each suggestion. 8. Scout provides final suggestions to the team manager. | | | | Information for Steps  Trade notification  Team improvements  Needed Position information  Player data store  Draft picks data store  Trade suggestions data store  Scout Data Store  Validates trade suggestions  Trade suggestions data store |

**Use Case Description**

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| Use Case Name: Team manager initiates trade request | | ID: \_2\_ | Importance Level: High | |
| Primary Actor: Team manager | | | | |
| Short Description: This describes how team manager analyzes trade suggestions and initiate trade request. | | | | |
| Trigger: Scout provides trade suggestions  Type: **External** / Temporal | | | | |
| Major Inputs:  Description Source  Trade suggestions Trade suggestions  Data store  Create Meeting Team manager  Notify members Team manager  Create Trade request Team manager | Major Outputs:  Description Destination  Trade request Trade request Data  Store  Meeting notification Player  Meeting notification Team manager  Meeting details Meeting Data Store | | | |
| Major Steps Performed   1. Team manager analyzes trade suggestions. 2. Team manager sets up a meeting with Player. 3. Team managers and player discuss about trade 4. Team manager confirms a trade suggestion. 5. Team manager creates a trade request. | | | | Information for Steps  Trade suggestion Data store  Meeting notification  Initiating Trade request  Trade request Data store  Notify player |

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| Use Case Name: Team manager accepts trade requests | | ID: \_3\_ | Importance Level: High | |
| Primary Actor: Team manager | | | | |
| Short Description: This describes how trade request are accepted or rejected by Teams | | | | |
| Trigger: Trade request received from other NBA teams  Type: **External** / Temporal | | | | |
| Major Inputs:  Description Source  Trade requests Trade request  Data store  Contract details Player Data Store  Meeting notification System  Player agreement Player  Trade agreement Team Manager  Roster update System | Major Outputs:  Description Destination  Player contract details Team manager  Trade/Meeting Notification Player  Meeting Notification Head coach  Player agreement Team manager  Accepted Trade NBA agent  Completed Trade Team manager | | | |
| Major Steps Performed   1. Team manager views trade requests. 2. Team manager views contract details. 3. Team manager sets up meeting with respective members. 4. Player discusses contract details in the meeting 5. Player agrees to the trade. 6. Team manager accepts the trade request. 7. NBA agent validates the trade. 8. System changes the team roster respectively.   Ask sir regarding restricted free agent, trading draft picks, modify trade request and reject request as use case alternatives. | | | | Information for Steps  Trade request Data store  Player Data Store  Meeting Data Store  Meeting to validate trade  Player agreement  Trade agreement  Trade validation  Team Roster update |

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| Use Case Name: Scout compares player performance and statistics | | ID: 4 | Importance Level: Medium | |
| Primary Actor: Scout | | | | |
| Short Description: This describes how scouts compare players statistics | | | | |
| Trigger: Scout needs more information for trade suggestions.  Type: **External** / Temporal | | | | |
| Major Inputs:  Description Source  Team names Scout  Player names Scout  Player data Player Data Store  Team data Team Data Store  Track player Scout | Major Outputs:  Description Destination  Teams list Team Data Store  Players list Player Data Store  Team Comparison Scout  Player Comparison Scout  Player progress Scout | | | |
| Major Steps Performed   1. Scout provides team names. 2. System gathers team information. 3. Scout analyzes team comparison. 4. Scout provides player names. 5. System gather player information. 6. Scout analyzes player comparison. 7. Scout adds a player to wish list to further track his progress. 8. System notifies player progress to scout. | | | | Information for Steps  Team names  Team Data Store  Team comparison  Player names  Player Data Store  Player comparison  Wish-list Data store  Player progress |