In this report will contain information of how we designed the start of the BUCKS Centre for the Performing Arts (Design & Implementation). The first section we designed was the three use cases which were designed by Hassan Nisar (22011971). He used Visual Paradigm Community Edition, the reason he used the Community Edition was because he used the 16.3 Evaluation Edition for another module and the 30-day trial had run out also, the apps anywhere Visual Paradigm was not working so he chose to use the Community Edition. He started making the Use Cases by looking at the assignment brief and listing down what each Actor does such as the Consumer, Venue Manager, and the Ticket Agent. After he made the list for each Actor, he done implemented every action they had done into three different Use Cases. After each Use Case he had opened the specification for each one and wrote a description as the Use Cases contain 5 or less words, another individual looking at the Use Case will find it hard to understand so he made a description for each Use Case which he also put into a Word Document.  
  
The next two design aspects that needed to be started was the class diagrams and merging the Use Cases together, the class diagrams was first given to Haroon Sadiq but was taken over by Hassan Nisar due to other University Priorities, the merge use cases task was given to Mauro Nunes which was also taken over by Hassan Nisar due to tardiness and unpunctuality which was discussed in a team meeting and sorted.  
  
Hassan first took a look at the Class Diagrams as he thought another team member would take care of the merged use cases so the first thing he done was a noun entity identifier, this means he looked in the BUCKS Centre for the Performing Arts (Design & Implementation) brief and looked for the main entities or nouns he needed to use for the class diagrams at the end of searching for the entities he ended up with 9 entities which were implemented into a class diagram.