COMP 3005 Assignment 5 Abdul-Malik Marikar 101042166

1.1)

MovieTitle, Director \rightarrow Producer SPTitle, Author \rightarrow Temp SPTitle, Author, SceneNumber \rightarrow StoryLocation, FilmLocation ActorName \rightarrow Phone, Address, AgentName SPTitle, Author, SceneNumber, TakeNumber \rightarrow Date, Time ActorName, SceneNumber \rightarrow StoryLocation, FilmLocation ActorName, SceneNumber, TakeNumber \rightarrow Date, Time

1.2)

MovieTitle, Director \rightarrow Producer SPTitle, Author \rightarrow Temp SPTitle, Author, SceneNumber \rightarrow StoryLocation, FilmLocation ActorName \rightarrow Phone, Address, AgentName SPTitle, Author, SceneNumber, TakeNumber \rightarrow Date, Time ActorName, SceneNumber \rightarrow StroyLocation, FilmLocation ActorName, SceneNumber, TakeNumber \rightarrow Date, Time

1.3)

[MovieTitle, Director | Producer] MovieTitle, Director → Producer

[SPTitle, Author|]
SPTitle, Author → Temp

[SPTitle, Author, SceneNumber| StoryLocation, FilmLocation] SPTitle, Author, SceneNumber → StoryLocation, FilmLocation

[ActorName | Phone, Address, AgentName]
ActorName → Phone, Address, AgentName

[SPTitle, Author, SceneNumber, TakeNumber | Date, Time] SPTitle, Author, SceneNumber, TakeNumber → Date, Time

[ActorName, SceneNumber | StoryLocation, FilmLocation] ActorName, SceneNumber, TakeNumber → Date, Time

[ActorName, SceneNumber, TakeNumber | Date, Time] SPTitle, Author, SceneNumber, TakeNumber \rightarrow Date, Time

```
2.1)
Code → title, publisher, date
SongID → title, composer
UserID → password, name, emailAddress
SongID, Code → length, page
UserID, Code → pdfFileName, PageOffset
2.2)
Code → title, publisher, date
SongID → title, composer
UserID → password, name, emailAddress
SongID, Code → length, page
UserID, Code → pdfFileName, PageOffset
2.3)
[Code | title,publisher,date]
Code → title, publisher, date
[SongID | title,composer]
SongID → title, composer
[UserID | password,name,emailAddress,title]
UserID → password, name, emailAddress
[SongID,Code | length,page]
SongID, Code → length, page
[UserID,Code | pdfFileName,PageOffset]
UserID, Code → pdfFileName, PageOffset
3.1)
Stdnum,name,strnum,street,postcode,area_code,office_code,station_code,email
email→ student
area_code,office_code→ city
postcode→ city
course_num→ department_name
period,room num→ building
stdnum,course_num,course_section→ grade
3.2)
stdnum-name, street, postcode, area code, office code, station code, email
email→student
```

```
area_code,office_code→city
postcode→city
course_num→department_name
period,room_number,term→course_section
room_num→building
stdnum,course_num,course_section→grade
3.3)
[stdnum | name,street,postcode,area_code,office_code,station_code,email]
stdnum \rightarrow name,street,postcode,area_code,office_code,station_code,email
[email | student]
email \rightarrow student
[area_code,office_code | city]
area_code,office_code → city
[postcode | city]
postcode→ city
[course_num | department_name]
course\_num \rightarrow department\_name
[period,room_number,term | course_section]
period,room_number,term → course_section
[room_num | building]
room_num → building
[stdnum,course_num,course_section | grade]
stdnum,course num,course section → grade
[stdnum,course_num,period,room_number,term,room_num | ]
```