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| Fundamental Entities | |
| **Entity Name** | **Business Definition** |
| Forum | A forum for someone interested in the film to discuss with each other. |
| User | A user who uses the system |
| Script | A script that was created by the users, or used by the directors. |
| Project team | A team where all the people who has a role in the same film discuss the film. |
| Application | The information of one user who want to be an actor in a team group.  Note: The application information will be submitted to the director, and the director will decide whether to accept it or not. |
| PerformingSchedule | The arrangement plan for filming.  Note：It is released by the director and it includes schedule, staffing and so on. |
| CurriculumVitae | A resume of one user.  Note: The curriculum vitae is accomplished by the user. And the user needs to submit it to one director if she/he wants to join a filming team which established by the director. |
| Film segment | A sequence of videos shot by different crews |
| Raw film | The video which have been cut yet but not handled |
| Post production company | The company we cooperate with to help users do post production. For example, providing some techniques to make our film better. What’s more, after-sales service is also included. |
| Cloud | The cloud storage to store the file information and the video information. |
| Director template | Templates help amateur directors know more about the skills to shot a scene , make the settings and do the make-up of the actors or actresses. The costume, setting and shot templates are its sub entities |
| Shot templates | Templates help amateur directors know more how to shot a scene in a professional way we provide similar scene in existing famous films and teach users how those distinguished directors cope with those shots. And then the system can modify the scene with intelligent algorithm. |

我是导演，

（1）建讨论区（剧本，故事梗概，角色，讨论区的历史纪录），有兴趣的人加入，向导演提出申请（个人资料，提供能够工作的时间，地点），导演为剧本中每个角色分配人员，提取角色人员组成项目组（讨论区也由此关闭）；

所有的表都是用来操作的：

讨论区（故事梗概，讨论区id,讨论区最大人数，讨论区历史记录，角色）

用户（用户名，密码，参演作品，参演角色，地理位置）

剧本（作者，角色，内容，剧本id）

项目组（项目组id，项目组名称，项目组人数）

演员申请（）

（2）提供导演模板：具体情节处理（时间轴模板，情节拍摄模板等辅助系统），导演发布 电影工作纲领；收集成员的工作成果，系统根据时间轴将整个影片串起来，呈现初步的电影，导演再对影片进行剪辑，保存影片。

电影工作纲领（发布日期，内容，发布人）

进度记录（提交日期，提交人，提交内容）

（3）和后期制作公司进行讨论，提交影片给后期制作公司，接收后期制作公司的成片，完成影片的制作。

我是演员，

（1）接收拍摄计划，寻找相同地域的演员，拍摄电影，和导演进行讨论，完成这一块的电影拍摄，提交电影；

我是用户，

（1）接收系统的通告，进入特定影片的讨论区，查看影片梗概，选定角色，向导演提交申请，等待进入项目组。