**User Stories:**

**Must Do Functionalities:**

1. Ticket reservation

Description: Client should be able to reserve ticket by clicking on desired seats. Client must pay in order to reserve a ticket and seat.   
Develop backend and frontend for this functionality. If client reserves more than one seat, seats must be next to each other.

1. Activate/ Deactivate movie  
   Description: Client should be able to activate or deactivate movie. (current field)   
   Develop backend and frontend for this functionality. If movie have projections it can not be deactivated.
2. Movie Search  
   Description: Client should be able to search for specific movie by filtering tags.  
   Tags can be unlimited, like (Actor, Year, Title….)  
   Develop backend and frontend for this functionality.
3. Filter Projections  
   Description: Client should be able to filter by Cinema, Auditorium, Movie, Specific Time Span.  
   Develop backend and frontend for this functionality.
4. Unit Tests  
   Description: Cover controllers and services with unit tests.
5. Movie Top List  
   Description: Client should be able to see top 10 movie according to ratings.  
   Develop backend and frontend for this functionality.
6. Create Cinema  
   Description: Client should be able to create new cinema.  
   Develop backend and frontend for this functionality.
7. Presenting Application  
   Description: Demo for application developed functionalities. Presenting which functionalities are developed.
8. Build – Release pipeline   
   Description: Investigate and present in your presentation this topic.

**Bonus functionalities:**

1. Cinema Bonus Points (connected to must do task 1.)  
   Description: Client should be able to collect bonus points for successful ticket purchase. (similar to bonus card point)  
   Develop backend and frontend for this functionality.
2. Top list of movies (connected to must do task 6.)  
   Description: client should be able to see top list for specific year. If there are more movies with same rating we can rate them further if some of them have Oscar.  
   Develop backend and frontend for this functionality.
3. Creation of Cinema (connected to must do task 7.)  
   Description: Client should be able to create through creation of cinema also auditorium with seats.  
   Develop backend and frontend for this functionality.
4. Delete Cinema  
   Description: Client should be able to delete cinema with all his auditoriums and seats.  
   Develop backend and frontend for this functionality.
5. Introduce New Role  
   Description: Client should be able to log as different type of users, like (admin, super\_user, user).  
   Develop backend and frontend for this functionality.
6. Refactoring Client App  
   Description: Try to move, post, get, put and delete to single file and export them as functions.   
   Develop this functionality in Client app.
7. Add route for super\_user  
   Description: Add route protection for super\_user if that role is introduced.  
   Develop backend and frontend for this functionality.
8. Include SQL Views  
   Description: Change some complicated queries with views.   
   Develop backend.