**Use MVC 5, Collections , Exception handling and ADO .NET in layered architecture**

**Use proper client and server side validations**

**Create a web application for television programming.**

1. **Home page must contain below links**
   1. **Add a TV channel**
   2. **Add programs to TV channel**
   3. **List TV programs.**
2. **When user clicks on add TV channel, navigate to Add TV channel page which consists of following fields:**
   1. **Channel Name : Text value**
   2. **Channel Type : Dropdown list( eg: news, discovery)**
   3. **Description : Text value**
   4. **Save button**
   5. **Cancel button**

**On click of save button, Tv channel is added and the user is redirected to home page with message “The new TV channel has been saved successfully”.**

**All the form fields are mandatory**

**Rules: A unique identifier is generated for the TV channel.**

**Handle exception when user provides incorrect value.**

**On click of cancel, information is not saved and the user is navigated back to home page.**

1. **Add programs to TV channel page:**

**Input fields:**

* 1. **Name: text value**
  2. **Category: Radio button (eg: film, series)**
  3. **Channel name :drop down with channels names**
  4. **Description: Text value**
  5. **Duration: numeric value in minutes**
  6. **Save**
  7. **Cancel**

1. **List Tv program page:**

**Input fields:**

1. **Channel type: drop down**

**When user clicks on channel type, the list of programs from the chosen type need to be displayed.**