# Social Media Platform

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Social media has become a popular platform for sharing and creation of content. The aim is to create your own platform using Java, Spring and Angular/ReactJs.

Requirements as below.

1. There should be Feeds page to show the post contents
   * For simplicity, all users will see the same posts
2. Each post should be able to cater for either a hyperlink or media (video) and a caption
   * Clicking on the post will open the link or play the video
3. Users are required to login to view and post
   * There should be a sign-up page for accounts creation
4. Users should be able to create a post that appears on the Feeds
5. A post can only be updated by the user who created it
6. There should be an Admin role that can manage the platform
   * Maintain posts (Delete/update any posts)
   * Maintain users (Delete/update)

Technical considerations

* Entities should be well-designed and include audit fields such as created by and created date
  + Refer to Spring documentation <https://docs.spring.io/spring-data/jpa/docs/1.7.0.DATAJPA-580-SNAPSHOT/reference/html/auditing.html>
* APIs should be secured as much as possible. Minimally only logged in user can access.
* There should be validations for inputs and messages should be displayed
* The design for Angular/React should be in small reusable components to cater for the requirements
  + Use different components to display the different media types
* Consider using 3 types of post to cater for hyperlink, image and video
  + The fields, link and media, are optional depending on the post type
* Stored medias should be deleted also when deleting a post

## Sample screens

Feeds

Post

Post

Post

Post

View More…

Post

Image/Video

Caption

Post Create

Media

Link

Type

Submit

Caption