Mindtree Assignment [Blog Site] :-

Technology used: Spring-Boot, Embedded DB (H2)

Additional Features: Spring security, **Twitter (including storage of tweets in DB)**

**Added bonus point code**

Behavior of application:-

* For First time there is no post on Blog site and you will be asked to login or create an account.
* First user who create account will have Admin access rest will have normal access.
* When you create account it will be auto-logged in to application.
* Admin can create read or delete post.
* Post can have Image or Video in it.
* Post will have title and description with one Media file
* Every post has its detail page and also comment section.
* Every logged in user or non-logged in user can read all blog, read or write comments, and search tweets.
* Comment section does not have authorization.
* If user is logged in then comment will not ask for your name.
* You will have logout option at top right when click on your username.

Twitter Integration [using spring social api]

* You can search tweet based on keyword that will be stored in db against that keyword.
* Every keyword can have at max 20 tweets in DB at a time.

Embedded DB access

* You can access DB by <http://localhost:9090/console/> , check every transaction.
* The only issue with embedded DB, data does not persist after restart the application.

Spring Security

* User Authentication is available with JDBC
* User creation and Login pages for authentication is there.

Junit

Wrote Test cases with Junit4.

To Run Application just use maven command “spring-boot:run” from directory where pom.xml exist.