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| Assignment 1 | Project Summary |
| Course | **Web Application & Service Development with Spring Framework v5 - 2018** |

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| Project author | | |
| **№** | **Pseudonym** | **Face-to-face/online** |
| 1 | ARTS | face-to-face |

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| Project name | ArtsShare (Online community for sharing art) |

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| 1.Short project description(Bussines needs and system features) |
| Modern life has changed the way we share our life and dramatically increases our circle. We feel need to share our opinion, our life. Internet is often used as a tool to express oneself. This project aims to give the opportunity for the artists to share their work, and for the people who love art to see their work, give their opinion and even have the possibility to contact any artist , for any reason they have. I believe this can increase the audience and possibilities as well as the competition for the artists, making things easier for the fans. |

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| 2.Main Use Cases / Scenarios | | |
| **Use case name** | **Brief Description** | **Actors Involved** |
| Register | Any user can register as an artist by providing name , email and password. | All users |
| Upload images | Any artist can share their art represented as an image. | All artists |
| Change Artist data | Every artist can change their data , it involves any kind of art(represented as an image) and any information related to the their profile. | All artists |
| Browse artist’s information and comment images | Anyone can see the images of the artist ,even users who doesn’t have account can see the artists profile and give review by providing their email address. Anyone can browse and filter artists based on different criteria: first and last name, email, Role. | All artists and guests |
| Manage Users | Administrator can ban/delete users. | Administrator |

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| 3.Main Views (Frontend) | | |
| **View name** | **Brief Description** | **URI** |
| 3.1. Home | Presents the introductory information about the system and instructions how to use it. | / |
| 3.2. Events | Presents any interesting, upcoming events related with art. Like exhibitions etc. | /events |
| 3.3. Registration | Presents a view allowing for the new artist to make a profile. | /register |
| 3.4. Login | Presents a view allowing the user(artist) to log into his/her profile. | /login |
| 3.5. Profile | Presents a view allowing the artist to: change their personal data, contacts info, add images. | /profile |
| 3.6. Artists | Presents ability to search the artists by their name. | /artists |

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| 4.API Resources (Node.js Backend) | | |
| **View name** | **Brief Description** | **URI** |
| 4.1. Login | POST User e-mail and password and receive a valid Security Token to use in subsequent API requests. | /api/login |
| 4.2. Logout | POST a logout request for ending the active session with the System, and invalidating the issue Security Token. | /api/logout |
| 4.3. Artists | GET artist’s data. Providing a list of them, giving the ability to browse a specific profile. | /api/artists |
| 4.4. Artist | GET artist’s data for a specific artist.(View artist’s profile) | /api/artists /{artistId} |
| 4.5. Image | GET artist’s image | /api/artists/{artistId}/{imageId} |
| 4.6. Events | GET all events | /api/events |
| 4.7. Event | GET specific event | /api/events/{eventId} |