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| Assignment 1 | | Project Summary | |
| Course | | Fullstack Application Development with Node.js + Express.js + React.js - 2019 | |
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| Project author | | | |
| № | Pseudonym | | Face-to-face/ online |
| 1 | Instructor | | face-to-face |

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| Project name | On this day |

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| * Short project description (Business needs and system features) |
| I've used React.js, Node.js + express, React Router, backend has REST/JSON API. Authentication with JWT.  The main actor roles are  • *Anonymous User* – can only view articles and users. Can register himself  • Registered User (extends Anonymous User) - Can add articles, reviews. Can authenticate. Can logout |

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| * Main Use Cases / Scenarios | | |
| **Use case name** | **Brief Descriptions** | **Actors Involved** |
| * **Browse articles** | User can view summary of articles | All users |
| * **Register** | *Anonymous User can register and become a Registered User* | *Anonymous User* |
| * **Logout** | *Registered user can logout* | *Registered User* |
| * **Search articles** | *Everybody can search for articles* | All users |
| * **Create article** | *Registered Users can create articles* | *Registered User* |
| * **Add Review** | *Registered User can add review to an article* | *Registered User* |
| * **Browse Users** | Everybody can view a summary of the users | *all users* |
| * **Read an article** | *Everybody can read an article* | *all users* |
| * **View a user's profile** | *Everybody can view an users profile* | *All users* |

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| * Main Views (SPA Frontend) | | |
| **View name** | **Brief Descriptions** | **URI** |
| * **Home** | Articles for today's date and month | / |
| * **Filtered articles** | Articles filtered by some criteria | */articles/filter/:filters* |
| * **Article** | The content of an article | */articles/article:id* |
| * **Create article** | Template for createing an article | */articles/createArticle* |
| * **Users list** | Lists all registered users | */users* |
| * **User** | Presents a view holding the data for an user | */users/user:id* |

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| * API Resources (Node.js Backend) | | |
| **View name** | **Brief Descriptions** | **URI** |
| * **Authenticate** | POST user data for a registered user | */authn* |
| * **Sign up** | POST user data to register | */authn/sign-up* |
| * **Token validity check** | POST with a JWT attached | */authn-token-check* |
| * **List users** | GET list of all users | */users* |
| * **View user** | GET display user information | */users/user-:id/edit-profile* |
| * **List articles** | GET all articles of filter via the query params | */articles* |
| * **Add new article** | POST request to add articles | */articles/add-article* |
| * **View article** | GET data for an article | */articles/article-:id* |
| * Add review | POST data for a new review for an article | */articles/article-:id/add-review* |