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| API Specification  users API: | | | | |
| /login | | | | |
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| --- | --- |
| Method | **POST** |
| authenticated | **No** |
| Request body | **{**  **“id” :**  **“password” :**  **}** |
| Returns | **Logged in successfully** |
| On Error | **400 BAD\_REQUEST - "Invalid Credentials" / "Please logout before you login to another user"** |

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| /logout |
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| Method | **POST** |
| authenticated | **YES** |
| Request body | **NONE** |
| Returns | **user (user's id) logged out successfully** |
| On Error | **400 BAD\_REQUEST - "invalid Credentials"** |

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| /version |
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| Method | **GET** |
| authenticated | **NO** |
| Request body | **NONE** |
| Returns | **{**  **"version": "1.0.0",**  **"description": "my node app"**  **}** |
| On Error | **NONE** |

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| /users |
|  |

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| --- | --- |
| Method | GET |
| authenticated | **NO** |
| Request body | **NONE** |
| Returns | **JSON STRINGIFY USERS\_LIST** |
| On Error | **NONE** |

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| /approve\_user/(:id) /suspend\_user/(:id) /restore\_user/(:id) |
|  |

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| --- | --- |
| Method | **PUT** |
| authenticated | **YES, Admin only** |
| Request body | **{**  **“id” :**  **}** |
| Returns | **JSON\_STRINGIFY USER** |
| On Error | **403 FORBIDDEN - "only root user can change users status",**  **404 NOT\_FOUND - "id doesn't exist"** |

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| /user |
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| --- | --- |
| Method | **POST** |
| authenticated | **NO** |
| Request body | **{**  **“name” :**  **“email” :**  **“password” :**  **}** |
| Returns | **JSON\_STRINGIFY NEW\_USER** |
| On Error | **400 BAD\_REQUEST – “Missing name/password in request” / "request email is invalid"** |

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| /user/(:id) |
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| Method | **DELETE** |
| authenticated | **YES** |
| Request body | **{**  **“id” :**  **}** |
| Returns | **EMPTY USER** |
| On Error | **403 FORBIDDEN - "only root user can delete users" / "Can't delete root user" / "can't modify or delete root user"**  **404 NOT\_FOUND - "id doesn't exist"** |

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| POST API:/posts |
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| Method | **GET** |
| authenticated | **NO** |
| Request body | **NONE** |
| Returns | **JSON STRINGIFY USERS\_LIST** |
| On Error | **NONE** |

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| /post |
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| --- | --- |
| Method | **POST** |
| authenticated | **YES** |
| Request body | **{**  **"post":**  **}** |
| Returns | **JSON\_STRINGIFY NEW\_POST** |
| On Error | **400 BAD\_REQUEST – "you are not an active user yet, please wait for root activation"** |

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| --- |
| /post/(:id) |
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| --- | --- |
| Method | **DELETE** |
| authenticated | **YES** |
| Request body | **{**  **“id” :**  **}** |
| Returns | **EMPTY POST** |
| On Error | **403 FORBIDDEN - "only the creator or root user can delete this post"**  **404 NOT\_FOUND - "this post id doesn't exist"** |

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| MESSAGE API:/messages |
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| Method | **GET** |
| authenticated | **YES** |
| Request body | **NONE** |
| Returns | **JSON STRINGIFY USER MESSAGES** |
| On Error | **None** |

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| /message/(:receiver\_id) |
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| Method | **POST** |
| authenticated | **YES** |
| Request body | **{**  **“receiver\_id” : ,**  **"message":**  **}** |
| Returns | **JSON\_STRINGIFY NEW\_MESSAGE** |
| On Error | **401 UNAUTHORIZED - " Cannot message admin"**  **403 FORBIDDEN - "receiver id doesn't exist"** |

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| --- |
| /message\_users |
|  |

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| --- | --- |
| Method | **POST** |
| authenticated | **YES, Admin Only** |
| Request body | **{**  **“message” :**  **}** |
| Returns | **JSON\_STRINGIFY NEW\_MESSAGE** |
| On Error | **401 UNAUTHORIZED - " Only admin can send message to all users"** |