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| user\_auth\_controller.js |
| -firstname: String  -lastname: String  -username: String  -email: String  -password: String  -isAdmin: boolean |
| + register\_new\_user(firstname: String, lastname: String, username: String, email: String, password: String, isAdmin: boolean): void  + verify\_username\_exists(username: String): boolean  + match\_password(username: String, password: String): boolean |

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| user\_data\_controller.js |
| -firstname: String  -lastname: String  -username: String  -email: String  -password: String  -isAdmin: boolean |
| +user(firstname: String, lastname: String, username: String, password: String, isAdmin: boolean): object  +item\_search(keyword: String): item[]  +remove\_user(isAdmin: boolean, username-removed: String): void  +approve\_item(isAdmin: boolean, item-id: int): void |