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

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| user\_data\_controller |
| +user(firstname: String, lastname: String, username: String, password: String, isAdmin: boolean)  +list\_item(username: String, email: String, item-name: String, item-price: double, item-description: String)  +item\_search(keyword: String)  +remove\_user(isAdmin: boolean, username-removed: String)  +approve\_item(isAdmin: boolean, item-id: int)  +post\_review???? |

UMLs for user\_auth\_controller and user\_data\_controller