UniSales

CSC309 Spring 2017 Project
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Project Description:

A secure sales system tailored to university campuses where students can post information on things that they want to sell. This app would be tailored to students on campus giving them an easy way to connect with their peers, the ones who are most likely to be interested in what they're offering. The system provides a safe way for people to get in contact for price negotiations, organising pick up locations, and discussing other details. Categories will be tailored to be relevant to what students are most likely trying to sell such as textbooks, clickers for classes, speciality course materials, clothes, accessories, furniture, show tickets etc..

API Table

Endpoint	Method	Description	Input JSON	Output JSON	Possible errors	Scope
/user	POST	Create User	Email (unique), password, [firstname], [lastname]	Email, firstname, lastname	403: Failed to create user 404: Email or password is missing	All
/user/?id	GET	Get user's information based on the user id except password.	None	Email, firstname, lastname	403: Failed to find the user 404: userid is not provided	All

/user/:uid	PUT	Change password,	password	HTTP OK	404: If userid is not provided 404: Failed to find the user	All
/user/:uid/products	GET	Get user's items	None	Array of Product	404: If userid is not provided 404: Failed to find the user	All
/login	POST	Login	email, password	HTTP OK	404: Failed to find the user 401: Failed to login	All
/user/:uid/products	POST	Create product	[name] price, category, ownerid, description	A JSON of created product	403: Failed to create a product	Logged in users
/user/:uid/products	DELETE	Delete a product of that user	None	HTTP OK	403: Failed to delete the product	All
/products	GET	Search for product based on category, keywords, price and other criteria	[price] [category] [productname]	Array of JSON of products	404: Failed to find any products	All

/products/:pid	PUT	Update product information	[price] [category] [productname] [description]	HTTP OK	404: Failed to find the product	All
/products/:pid	DELETE	Delete the product based on pid	None	HTTP OK	403: Failed to delete the product	All
/comment/	POST	Post a comment to a product	[title] [message] [product]	A JSON of new comment	403: Failed to create a comment	All
/comment/?productid	GET	Get all comments of a product	None	Array of JSON of comments	404: Failed to find comments 404: productid is missing	All
/category	POST	Create new category/subcategory	[name] [parent_category]	A JSON of Updated category	403: Failed to create a category	All