Aplicações na Web - Back-End Handlers
Grupo 30:
Luís Ferreirinha Nº51127
Nélio Pereira Nº60550

Microservices	Requests	Resource	Data	Description
Manage Users	GET	/users/{userID}		Get a user information
	POST	/users	UserID, Username, first name, last name, phone number, e-mail, birth date, payment information, adress, zip code	Register new user
	DELETE	/users/{userID}		Detele a user
	GET	/users		Get list of all users
	PUT	/users/{userID}	first name, last name, phone number, e-mail, birth date, payment information, adress, zip code	Update user details
Authentication Service	POST	/auth/login	username, password	Gets user's login details
	POST	/auth/logout		Logout the user
	POST	/auth/resetpassword	User password	Resets the user's password
Item Management	POST	/items	name, description, categoryId, images, startingPrice	Add a new item
	PUT	/items/{itemID}	name, description, categoryId, images, startingPrice	Update item information
	GET	/items/{itemId}		Retrieve item information
	DELETE	/items/{itemId}		Delete and item
	POST	/items/{itemId}/images	image	Upload an image for an item
	GET	/items/{itemId}/images		Retrieve images for an item
	DELETE	/items/{itemId}/images/{imageId}		Delete an image for an item
	GET	/items/{itemId}/images/{imageId}		Retrieve an image for an item
Auction Service	POST	/items/{itemId}/auctions	startTime, endTime, startPrice	Create a new auction for an item
	PUT	/items/{itemId}/auctions/{auctionId}	endTime, startPrice	Update auction details for an item
	GET	/items/{itemId}/auctions/{auctionId}		Retrieve auction details for an item
	GET	/auctions		Retrieve all auctions
	POST	/items/{itemId}/auctions/{auctionId}/close		Close an auction for an item
	DELETE	/items/{itemId}/auctions/{auctionId}		Delete an auction for an item
Bidding Service	POST	/auctions/{auctionId}/bids	bidAmount, maxBid	Place a bid for an auction
	GET	/auctions/{auctionId}/bids		Retrieve bid history for an auction
	GET	/users/{userId}/bids		Retrieve a user's bidding history
Notifcation Service	POST	/auctions/{auctionId}/notifications		Subscribe to auction notifications
	DELETE	/auctions/{auctionId}/notifications/{userId}		Unsubscribe from auction notifications
	GET	/users/{userId}/notifications		Retrieve notifications for a user
Seach Service	POST	/search/auctions	query, filters	Search for auctions
	POST	/search/items	query, filters	Search for items
Payment Service	POST	/auctions/{auctionId}/payments	paymentMethod, billingAddress	Create a payment for an auction
	GET	/auctions/{auctionId}/payments/{paymentId}		Retrieve payment status for an auction
	GET	/users/{userId}/payments		Retrieve a user's payment history
Shipping Service	POST	/items/{itemId}/shipping	shippingAddress, shippingMethod	Create a shipping order for an item
	GET	/items/{itemId}/shipping/{shippingOrderId}		Retrieve shipping order details for an item
	GET	/items/{itemId}/shipping/{shippingOrderId}/track		Track a shipment for an item
	PUT	/items/{itemId}/shipping/{shippingOrderId}	shippingAddress, shippingMethod	Update shipping order details for an item
	GET	/users/{userId}/shipping		Retrieve a user's shipping order history
Recommendation Service	GET	/users/{userId}/recommendations/auctions		Get recommended auctions for a user
	GET	/users/{userId}/recommendations/items		Get recommended items for a user
Analytics Service	GET	/auctions/{auctionId}/analytics/metrics		Retrieve auction metrics
	GET	/users/{userId}/analytics/activity		Retrieve user activity