

QuickFix Design

Changes:

- Renamed 'DailyRevenue' to 'Revenue' in reports. The report can be more flexible and easier to understand.
- Changed type of prices to decimals. Removes small inaccuracies of floating point arithmetic.
- Changed Id types to GUID instead of int.
- Changed Id capitalization (ID->Id).
- Changed enum types to actual enums instead of strings. Makes the API declarations more strict.
- Added Discount class for storing which products have discounts. Allows Dishes to have discounts (previously discount was only visible from payment).
- Conflicting access points (get by username and get by userID). `/user/{username}` endpoint was removed and username query parameter was added to `/user/list/findByType` endpoint.

GET	<code>/user/{userID}</code>	Get user by user ID	▼
GET	<code>/user/list/findByType</code>	Finds users by their type	▼
GET	<code>/user/{username}</code>	Get user by user username	▼

- The Business controller is missing (business entities are necessary for other objects to be created, such as the User). Therefore, this controller was added. BusinessLocations controller with basic endpoints for creating, deleting or getting was also created.
- Simple separate get endpoints such as the ones below were transformed into query parameters for a single "getAll" endpoint:

GET	<code>/payment/list/{userID}</code>	Get list of payments of the specific user	▼
GET	<code>/payment/list/{userID}/findByStatus</code>	Get list of specific customer's payments by status	▼

- For payments, the list is accessible at `/payment/list`, and can be filtered by query parameters `userId` and `status`.
- The endpoints for getting all orders by status and order by ID are conflicting. Therefore, the endpoint `/order/{status}` was changed to `/order/list?status={status}`

GET	<code>/order/{status}</code>	Find orders by status	▼
GET	<code>/order/{orderId}</code>	Find order by ID	▼

- Path parameters are used in places where query parameters should be used, so we changed endpoints to use query parameters. For example, `/order/list/{userId}/{status}` was changed to `/order/list?userId={userId}&status={status}`

GET	<code>/order/list/{userId}/{status}</code>	Get list of user's orders by status	▼
-----	--	-------------------------------------	---

- Removed StaffId from reports, since the system does not track which staff member handled the payment.
- Endpoint for getting Ingredient by stock status status was implemented to work through query parameters.

GET	<code>/ingredient/list/findByStockStatus</code>	Get list of ingredients by stock status	▼
-----	---	---	---

Not implemented:

- StaffMember endpoints - As mentioned by the lecturer, staff management is not necessary to implement.
- Cashier endpoints - Endpoints provide authorization, which was not needed currently. They also offer "splitCheck" which does not seem like an operation that requires a separate endpoint.
- User login/logout operations.
- `report/findByStaffWorker` - the system does not track which staff member handled payment.