

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

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.