**Project Initial report**

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**Project topic:** Fitness center

Application’s idea is to make a platform for the fitness center where will be saved information about fitness clients that are going to the gym, kept on the table of different types of subscriptions for the gym and other services, which are classic, medium, and premium. Also, there will be added components for schedules, subscriptions, and trainers. The website will have registration and login forms for potential users.

The cost of training will depend on chosen amount of days and subscription type, Classic costs $10 for one day, Medium $20, and Premium $30. Moreover, there will be the opportunity to refund money if the user decides to cancel the subscription.

**Microservices:**

1. **Registration and Login component** for register and login the function of the user. API methods: GET method for login (gets username and password, and returns a boolean value (true/false) if the user is logged in). POST method for registration (gets username, password, phone number, email, birthdate, and gender) **- Abdyrakhmanov Aman**
2. **Subscription choosing** **component** for subscribing of users for training. API methods: GET method for showing the types of subscriptions, POST method for choosing a subscription (making an order) **- Abdyrakhmanov Aman**
3. **Trainer choosing component** for choosing a trainer for the gym. API methods: GET method for showing the list of trainers, POST method for adding a trainer **- Abdyrakhmanov Aman**
4. **Payment component** for buying the subscription and payment. API methods: POST method for payment (gets order id and returns a boolean value (true/false) if the payment was completed) - **Temirtay Damina**
5. **The schedule component** shows the schedule of all group training in the fitness center. GET method for showing the schedule. - **Temirtay Damina**
6. **Refund component** for refunding of money in case of canceling the subscription. GET method for calculating refund, GET method for canceling confirmation. - **Temirtay Damina**

