**Tel-Ran training project API Protocol**

**Base URL:** “https://hair-salon-personal.herokuapp.com/”

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| **Title** | **Registration User Master** |
| **URL** | **/register/master** |
| **Method** | **POST** |
| **URL Params** |  |
| **Headers** | **"Content-Type" : "application/json"** |
| **Data Params** | **Example:**  {  "email": "[String]",  "password": "[String]"  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "token":"eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJzaGV5Z2FtQGdtYWlsLmNvbSJ9.dyDRTvEUnggtutOmmT9sZT\_0N3716"  } |
| **Error Response** | **Example:**  **Code:** 409 Conflict  **Content:**  {  "User already exists"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Registration User Client** |
| **URL** | **/register/client** |
| **Method** | **POST** |
| **URL Params** |  |
| **Headers** | **"Content-Type" : "application/json"** |
| **Data Params** | **Example:**  {  "clientEmail": "[String]",  "clientPassword": "[String]"  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "token":"eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJzaGV5Z2FtQGdtYWlsLmNvbSJ9.dyDRTvEUnggtutOmmT9sZT\_0N3716"  } |
| **Error Response** | **Example:**  **Code:** 409 Conflict  **Content:**  {  "User already exists"  } |
| **Sample Call** |  |
| **Notes** |  |

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| --- | --- |
| **Title** | **Login Master** |
| **URL** | **/login/master** |
| **Method** | **POST** |
| **URL Params** |  |
| **Headers** | **"Content-Type" : "application/json"** |
| **Data Params** | **Example:**  {  "email": "[String]",  "password": "[String]"  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "token":"eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJzaGV5Z2FtQGdtYWlsLmNvbSJ9.dyDRTvEUnggtutOmmT9sZT\_0N3716"  } |
| **Error Response** | **Example:**  **Code:** 401 Unauthorized  **Content:**  {  "User name not found"  }  **OR**  **Code:** 401 Unauthorized  **Content:**  {  "Please fill in username and password"  } |
| **Sample Call** |  |
| **Notes** |  |

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| --- | --- |
| **Title** | **Login Client** |
| **URL** | **/login/client** |
| **Method** | **POST** |
| **URL Params** |  |
| **Headers** | **"Content-Type" : "application/json"** |
| **Data Params** | **Example:**  {  "clientEmail": "[String]",  "clientPassword": "[String]"  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "token":"eyJhbGciOiJIUzUxMiJ9.eyJzdWIiOiJzaGV5Z2FtQGdtYWlsLmNvbSJ9.dyDRTvEUnggtutOmmT9sZT\_0N3716"  } |
| **Error Response** | **Example:**  **Code:** 401 Unauthorized  **Content:**  {  {\"User name not found\"}"  }  **OR**  **Code:** 401 Unauthorized  **Content:**  {  "{\"Please fillin username and password"}"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Update Master** |
| **URL** | **/master/update** |
| **Method** | **PUT** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** | **Example for update master:**  {  "email": [String],  "phoneNumber": [String],  "password": [String],  "name": [String],  "lastName": [String],  "lang": [ArrayList<String>],  "masterType": [String],  "serivce": [ArrayList<Services>],  "addresses"[String]:  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "Master is updated"  } |
| **Error Response** | **Example:**  **Code:** 409 UNAUTHORIZED  **Content:**  {  "master doesn't exist"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Get all Masters** |
| **URL** | **/master/list** |
| **Method** | **GET** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** |  |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  [  {  "email": [String],  "phoneNumber": [String],  "password": [String],  "name": [String],  "lastName": [String],  "lang": {[  [String],  [String]  ]},  "masterType": [String],  "serivce": {  [  {  "service": [String],  "price": [String],  "time": [String],   },  {  "service": [String],  "price": [String],  "time": [String],   }  ]  **}**,  "addresses"[String]:   },  {  "email": [String],  "phoneNumber": [String],  "password": [String],  "name": [String],  "lastName": [String],  "lang": {[  [String],  [String]  ]},  "masterType": [String],  "serivce": {  [  {  "service": [String],  "price": [String],  "time": [String],   },  {  "service": [String],  "price": [String],  "time": [String],   }  ]  **}**,  "addresses"[String]:   },  ]  } |
| **Error Response** | **Example:**  **Code:** 500 Internal Server Error  **Content:**  {  "code": 401,  "message": "{“Missing or invalid Authorization header”}"  } |
| **Sample Call** |  |
| **Notes** |  |

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| --- | --- |
| **Title** | **Get Master** |
| **URL** | **/master/info** |
| **Method** | **GET** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** |  |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "email": [String],  "phoneNumber": [String],  "password": [String],  "name": [String],  "lastName": [String],  "lang": {[  [String],  [String]  ]},  "masterType": [String],  "serivce": {  [  {  "service": [String],  "price": [String],  "time": [String],   },  {  "service": [String],  "price": [String],  "time": [String],   }  ]  **}**,  "addresses"[String]:   } |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "there is no such master"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Get Master Address** |
| **URL** | **/master/address** |
| **Method** | **GET** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** |  |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  [String]  } |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "there is no such master"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Update Master Address** |
| **URL** | **/master/address** |
| **Method** | **PUT** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** | **Example for update master:**  [String] |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "Address was updated"  **}** |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "there is no such master"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Get Master Services** |
| **URL** | **/master/services** |
| **Method** | **GET** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** |  |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  [  {  "service": [String],  "price": [String],  "time": [String],   },  {  "service": [String],  "price": [String],  "time": [String],   }  ]  **}** |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "there is no such master"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Set All Master Services** |
| **URL** | **/master/service** |
| **Method** | **POST** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** | {  [  {  "name": [String],  "price": [int],  "duration": [int],  "info": [String]   },  {  "name": [String],  "price": [int],  "duration": [int],  "info": [String]   },  ]  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "Master services were updated"  **}** |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "there is no such master"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Add Master Services** |
| **URL** | **/master/service** |
| **Method** | **PUT** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** | {  "name": [String],  "price": [int],  "duration": [int],  "info": [String]  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "Service was added"  **}** |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "there is no such master"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Get Client** |
| **URL** | **/client/info** |
| **Method** | **GET** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** |  |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "clientEmail": [String],  "clientPassword": [String],  "clientName": [String],  "clientLastName": [String],  "clientPhoneNumber": [String],  } |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "Such user does not exist"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Update Client Info** |
| **URL** | **/client/update** |
| **Method** | **PUT** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** | {  "clientName": [String],  "clientLastName": [String],  "clientPhoneNumber": [String],  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "Client was updated"  } |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "Such user does not exist"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Get Master Services** |
| **URL** | **/**master/template |
| **Method** | **GET** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** |  |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  [  {  "activeDay": [Boolean],  "startWork": [String],  "endWork": [String]  },  {  "activeDay": [Boolean],  "startWork": [String],  "endWork": [String]  },  {  "activeDay": [Boolean],  "startWork": [String],  "endWork": [String]  },  {  "activeDay": [Boolean],  "startWork": [String],  "endWork": [String]  },  {  "activeDay": [Boolean],  "startWork": [String],  "endWork": [String]  },  {  "activeDay": [Boolean],  "startWork": [String],  "endWork": [String]  },  {  "activeDay": [Boolean],  "startWork": [String],  "endWork": [String]  },  ] |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "there is no such master"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Update Master** |
| **URL** | **master/template** |
| **Method** | **PUT** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** | **Example for update template:**  [  {  "activeDay": [Boolean],  "startWork": {  "hourLight": [Int],  "minuteLight": [Int]  },  "endWork": {  "hourLight": [Int],  "minuteLight": [Int]  }  },  {  "activeDay": [Boolean],  "startWork": {  "hourLight": [Int],  "minuteLight": [Int]  },  "endWork": {  "hourLight": [Int],  "minuteLight": [Int]  }  },  {  {  "activeDay": [Boolean],  "startWork": {  "hourLight": [Int],  "minuteLight": [Int]  },  "endWork": {  "hourLight": [Int],  "minuteLight": [Int]  }  },  {  "activeDay": [Boolean],  "startWork": {  "hourLight": [Int],  "minuteLight": [Int]  },  "endWork": {  "hourLight": [Int],  "minuteLight": [Int]  }  },  {  "activeDay": [Boolean],  "startWork": {  "hourLight": [Int],  "minuteLight": [Int]  },  "endWork": {  "hourLight": [Int],  "minuteLight": [Int]  }  },  {  "activeDay": [Boolean],  "startWork": {  "hourLight": [Int],  "minuteLight": [Int]  },  "endWork": {  "hourLight": [Int],  "minuteLight": [Int]  }  },  {  "activeDay": [Boolean],  "startWork": {  "hourLight": [Int],  "minuteLight": [Int]  },  "endWork": {  "hourLight": [Int],  "minuteLight": [Int]  }  }  ] |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "Master is updated"  } |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "User week template was update"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Set All Master Services** |
| **URL** | **/master/add\_day** |
| **Method** | **POST** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** | {  "myCalendar": {  "yearLight":[Int],  "monthLight": [Int],  "dayLight": [Int]"  },  "startWork": {  "hourLight": [Int],  "minuteLight": [Int]  },  "endWork": {  "hourLight": [Int],  "minuteLight": [Int]  },  "working": [Boolean]  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "Master services were updated"  **}** |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "Calendar Day was added"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Get Master Services** |
| **URL** | **/master/start** |
| **Method** | **GET** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** |  |
| **Success Response** | **Example:**  **Code:** 200  **Content:** |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "there is no such master"  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Get Master Services** |
| **URL** | **/master/all\_timetable** |
| **Method** | **GET** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** |  |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  [  {  "myCalendar": [String],  "startWork": [String],  "endWork": [String],  "working": false,  "records": []  },  {  "myCalendar": [String],  "startWork": [String],  "endWork": [String],  "working": true,  "records": [  {  "calendar": [String],  "starTime": [String]  "services": [  {  "name": [String],  "duration": [Int],  "price": [Int],  "info": [String]  },  {  "name": [String],  "duration": [Int],  "price": [Int],  "info": "[String]  }  ],  "duration": [Int],  "client": [String],  "master": [String]",  "info": [String]  },  {  "calendar": [String],  "starTime": [String]  "services": [  {  "name": [String],  "duration": [Int],  "price": [Int],  "info": [String]  },  {  "name": [String],  "duration": [Int],  "price": [Int],  "info": "[String]  }  ],  "duration": [Int],  "client": [String],  "master": [String]",  "info": [String]  },  ],  "duration": [Int],  "client": [String],  "master": [String],  "info": [String],  }  ]  }  ] |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "there is no such master"  } |
| **Sample Call** |  |
| **Notes** |  |

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| --- | --- |
| **Title** | **Set All Master Services** |
| **URL** | **/master/add\_day** |
| **Method** | **POST** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** | {  "yearLight": [Int],  "monthLight": [Int],  "dayLight": [Int]  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  [  {  "calendar": [String],  "starTime": [String],  "services": [  {  "name": [String],  "duration": [Int],  "price": [Int],  "info": [String]  },  {  "name": [String],  "duration": [Int],  "price": [Int],  "info": [String]  }  ],  "duration": [Int],  "client": [String],  "master": [String],  "info": [String]  },  {  "calendar": [String],  "starTime": [String],  "services": [  {  "name": [String],  "duration": [Int],  "price": [Int],  "info": [String]  },  {  "name": [String],  "duration": [Int],  "price": [Int],  "info": [String]  }  ],  "duration": [Int],  "client": [String],  "master": [String],  "info": [String]  }  ] |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "there is no such master"  } |
| **Sample Call** |  |
| **Notes** |  |

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| --- | --- |
| **Title** | **Set All Master Services** |
| **URL** | /client/free\_time |
| **Method** | **POST** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** | { "duration": [Int], //общая длительность услуг для записи  "email": [String], //email мастера  "myCalendar": {  "yearLight":[Int],  "monthLight": [Int],  "dayLight": [Int]  }  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  [  [String], // Время в формате "12:00"  [String], // Время в формате "12:00"  [String], // Время в формате "12:00"  [String], // Время в формате "12:00"  [String] // Время в формате "12:00"  ] |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "From this email master was not found"  } |
| **Sample Call** |  |
| **Notes** |  |

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| --- | --- |
| **Title** | **Update Master** |
| **URL** | /client/add\_record |
| **Method** | **PUT** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** | **Example for update template:**  {  "calendar":{  "yearLight": [Int],  "monthLight": [Int],  "dayLight": [Int]  },  "starTime":{  "hourLight": [Int],  "minuteLight": [Int]  },  "services": [  {  "name": [String],  "duration": [Int],  "price": [Int],  "info": [String]  },  {  "name": [String],  "duration": [Int],  "price": [Int],  "info": [String]  }  ],  "client": [String], //email клиента  "master": [String], //email мастера  "info": [String]  } |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  {  "Record was added"  } |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "Not found a calendar day"  }  {  "The master does not work this day "  } |
| **Sample Call** |  |
| **Notes** |  |

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| **Title** | **Get Client** |
| **URL** | **/client/records** |
| **Method** | **GET** |
| **URL Params** |  |
| **Header** | **"Content-Type" : "application/json"**  **"Authorization" : "[token]"** |
| **Data Params** |  |
| **Success Response** | **Example:**  **Code:** 200  **Content:**  [  {  "calendar": [String],  "starTime": [String],  "services": [  {  "name": [String],  "duration": [Int], // длительность даного сервиса  "price": [Int],  "info": [String]  },  {  "name": [String],  "duration": [Int], // длительность даного сервиса  "price": [Int],  "info": [String]  }  ],  "duration": [Int], //общая длительность записи  "client": [String],  "master": [String],  "info": [String]  },  {  "calendar": [String],  "starTime": [String],  "services": [  {  "name": [String],  "duration": [Int], // длительность даного сервиса  "price": [Int],  "info": [String]  },  {  "name": [String],  "duration": [Int], // длительность даного сервиса  "price": [Int],  "info": [String]  }  ],  "duration": [Int], //общая длительность записи  "client": [String],  "master": [String],  "info": [String]  }  ] |
| **Error Response** | **Example:**  **Code:** 409 CONFLICT  **Content:**  {  "Such client was not found"  } |
| **Sample Call** |  |
| **Notes** |  |