**Documentation**

**Leave Application API**

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# Login Service

Description: login to the application

URL: /employee/login

Sample Request:

{

"loginEmail":"manager@g.com",

"password":"pass"

}

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Sample Response:

{

"message": "successful",

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJtYW5hZ2VyQGcuY29tIiwidXNlcklkIjoiMiIsImlhdCI6MTcwNTI2ODQ1OSwiZXhwIjoxNzA1MzU0ODU5fQ.zJmwE3CEKNhgCEj2AkxaN9ZJmA5QekwJUnLeXMbWki0",

"role": "MANAGER",

"statusCode": "200"

}

# Create New User (Admin)

Description: Admin Create New User

URL: /admin/user/create

Sample Request:

{

"email": "[emp01@g.com](mailto:emp01@g.com)",

"active": **true**,

"empName": "emp01",

"password": "pass",

"address": "1,jln,981",

"bod": "1897/12/09",

"phone": "1-1111",

"manager": "2",

"role": "EMPLOYEE",

"status": "hired",

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbkBnbWFpbC5jb20iLCJ1c2VySWQiOiIxIiwiaWF0IjoxNzA1MjU2MjA5LCJleHAiOjE3MDUzNDI2MDl9.TSdfp8PRBFnl4XbllUJt6p25AD3jVplMUgjzlVoYxd4"

}

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Sample Response:

{

"message": "created successfully",

"statusCode": "200"

}

Additional Note:

* Every account password will be first created by Admin, then after that depends on the user to decide whether to change it by their own
* “role” consists of 3 inputs: ADMIN, EMPLOYEE, MANAGER

# Create Leave Balance (Admin)

Description: Admin Create leave balance (Leave for the user to choose from)

URL: /admin/leaveBalance/create

Sample Request:

{

"leaveBalanceName":"Medical leave 2024",

"leaveType":"Medical Leave",

"balance":"14",

"expiryDate":"2024/12/31",

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbkBnbWFpbC5jb20iLCJ1c2VySWQiOiIxIiwiaWF0IjoxNzA1MjE3MjIwLCJleHAiOjE3MDUzMDM2MjB9.rWcjk7MCgv2IZf7yC\_bXLjPTiDxf0Q-x-dsgl2svdjM",

"[empEmail":"emp01@g.com](mailto:empEmail":"emp01@g.com)"

}

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Sample Response:

{

"message": "leave balance created",

"statusCode": "200"

}

Additional Note:

* LeaveType is there for grouping purpose only

# Retrieve Employee List (Admin)

Description: Admin retrieve all employee information

URL: /admin/allUser/retrieveProfile

Sample Request:

{

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbkBnbWFpbC5jb20iLCJ1c2VySWQiOiIxIiwiaWF0IjoxNzA1MjQ1MDE3LCJleHAiOjE3MDUzMzE0MTd9.h3Vv3GRTXomYwRA6tLZLNaAGtKUD7LRL7t5hyZVim2c"

}

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Sample Response:

{

"message": "successfully retrieve",

"statusCode": **"200”**,

"employeeList": [

{

"employeeId": "1",

"employeeName": "adminKEN",

"email": "[admin@gmail.com](mailto:admin@gmail.com)",

"createdDate": "2024-01-13 02:09:35",

"active": **true**,

"address": "134, jln 33",

"bod": "1978/09/02",

"phone": "0105613876",

"role": "ADMIN"

},

{...}

]

}

# Retrieve Leave Balance List (Admin)

Description: Admin retrieve all Leave Balance

URL: /admin/allUser/retrieveLeaveBalance

Sample Request:

{

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbkBnbWFpbC5jb20iLCJ1c2VySWQiOiIxIiwiaWF0IjoxNzA1MjQ1MDE3LCJleHAiOjE3MDUzMzE0MTd9.h3Vv3GRTXomYwRA6tLZLNaAGtKUD7LRL7t5hyZVim2c"

}

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Sample Response:

{

"leaveBalanceList": [

{

"leaveBalanceId": 1,

"leaveName": "Annual leave 2024",

"balance": "14",

"leaveType": "Annual Leave",

"expiryDate": "2024/12/31",

"empId": "1",

"empName": "adminKEN",

"empEmail": "[admin@gmail.com](mailto:admin@gmail.com)"

},

{...}

],

"totalLeave": "14.0",

"message": "success",

"statusCode": "200"

}

# Retrieve Leave Request List (Admin)

Description: Admin retrieve all Leave Request (leave that user apply)

URL: /admin/retrieveLeaveList

Sample Request:

{

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbkBnbWFpbC5jb20iLCJ1c2VySWQiOiIxIiwiaWF0IjoxNzA1MjQ1MDE3LCJleHAiOjE3MDUzMzE0MTd9.h3Vv3GRTXomYwRA6tLZLNaAGtKUD7LRL7t5hyZVim2c"

}

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Sample Response:

{

"message": "success",

"statusCode": "200",

"requestedList": [

{

"empId": 1,

"id": 1,

"leaveBalance": "8.0",

"managerApprove": **false**,

"applyDate": "2024/3/6",

"halfDay": "NO",

"reason": "syiok2",

"submitDate": "2024/01/14"

},

{ ... }

]

}

# Approve Leave (Manager)

Description: Manager Approve Leave requested by employee assigned

URL: /manager/leave/approve

Sample Request:

{

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJtYW5hZ2VyQGcuY29tIiwidXNlcklkIjoiMiIsImlhdCI6MTcwNTI2MDk5MywiZXhwIjoxNzA1MzQ3MzkzfQ.tt\_oWL-IkmVUBvoTQhXZZw4Q-TXvxKwHAp33IFb8eJI",

"leaveRequestId":"6"

}

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Sample Response:

{

"message": "success",

"statusCode": "200"

}

# Approve Leave (Manager)

Description: Manager Approve Leave requested by employee assigned

URL: /manager/retrieveLeaveList

Sample Request:

{

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJtYW5hZ2VyQGcuY29tIiwidXNlcklkIjoiMiIsImlhdCI6MTcwNTI2ODQ1OSwiZXhwIjoxNzA1MzU0ODU5fQ.zJmwE3CEKNhgCEj2AkxaN9ZJmA5QekwJUnLeXMbWki0"

}

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Sample Response:

{

"message": "success",

"statusCode": "200",

"requestedList": [

{

"empId": 3,

"id": 8,

"leaveBalance": "13.0",

"managerApprove": **null**,

"applyDate": "2024/3/10",

"halfDay": "NO",

"reason": "try try",

"submitDate": "2024/01/15"

},

{...}

]

}

Additional Note:

* Only leave requested by employee assigned to the manager manage will be show
* The leave that is approved/ rejected will not show either

# Update Profile

Description: Employee Update their own profile

URL: /employee/profile/update

Sample Request:

{

"name": "tets",

"address": "test",

"bod": "2024/01/01",

"phone": "test",

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbkBnbWFpbC5jb20iLCJ1c2VySWQiOiIxIiwiaWF0IjoxNzA0MzQ1NjExLCJleHAiOjE3MDQ0MzIwMTF9.npw\_4GRGyL0DiAWAFWe2LDxJ1mLEQ\_W0JptrIQHH\_YQ"

}

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Sample Response:

{

"message": "sucessfully update",

"statusCode": "200"

}

# Retrieve Profile

Description: Employees retrieve their own information

URL: /employee/profile

Sample Request:

{

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJhZG1pbkBnbWFpbC5jb20iLCJ1c2VySWQiOiIxIiwiaWF0IjoxNzA0ODYzMzQxLCJleHAiOjE3MDQ5NDk3NDF9.\_mrt3AoPwPXvFEVOEC3nHbOKJaBcKYYSjW36P7vQEIk"

}

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Sample Response:

{

"address": "manager Address, 78900",

"bod": "2024/01/01",

"email": "[manager@g.com](mailto:manager@g.com)",

"name": "manager001",

"status": "hired",

"phone": "011-289098",

"role": "MANAGER",

"manager": "adminKEN"

}

# Apply Leave

Description: Employees apply/ request for leave

URL: / employee/applyLeave

Sample Request:

{

"token": "eyJhbGciOiJIUzI1NiJ9.eyJzdWIiOiJlbXAwMUBnLmNvbSIsInVzZXJJZCI6IjMiLCJpYXQiOjE3MDUyNjEwNTksImV4cCI6MTcwNTM0NzQ1OX0.k3HvWp3FKNZS2hT20wvxEERVuxiR1F\_GFk3VOdG-2rc",

"leaveBalance": "Annual Leave 2024",

"totalApplyDays": "2",

"leaveApplyDTOList": [

{

"reason": "try try",

"dateApply": "2024/3/10",

"halfDay": "NO"

},

{ .... }

]

}

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Sample Response:

{

"message": "successfully apply",

"statusCode": "200"

}

Additional Note:

* Leave request will be rejected for those leave that is approved
* HalfDay consists of 3 inputs:
  + “**NO**” (take a full day leave),
  + “**MORNING**” (take a halfday leave for morning session),
  + “**AFTERNOON**” (take a half day leave for afternoon session)