{

"openapi": "3.0.3",

"info": {

"title": "Employee Resignation & Exit API",

"version": "1.0.0",

"description": "API for employee registration, login, resignation submission, and exit questionnaire management."

},

"servers": [

{

"url": "https://api.yourdomain.com",

"description": "Production server"

}

],

"paths": {

"/api/auth/register": {

"post": {

"summary": "Register a new employee",

"requestBody": {

"required": true,

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"username": {

"type": "string"

},

"password": {

"type": "string"

}

},

"required": [

"username",

"password"

]

}

}

}

},

"responses": {

"201": {

"description": "Created",

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"message": {

"type": "string",

"example": "User registered successfully"

}

}

}

}

}

}

}

}

},

"/api/auth/login": {

"post": {

"summary": "Authenticate user (employee or admin)",

"requestBody": {

"required": true,

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"username": {

"type": "string"

},

"password": {

"type": "string"

}

},

"required": [

"username",

"password"

]

}

}

}

},

"responses": {

"200": {

"description": "OK",

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"token": {

"type": "string",

"example": "eyJhbGciOiJIUzI1NiIsInR5cCI..."

}

}

}

}

}

}

}

}

},

"/api/user/resign": {

"post": {

"summary": "Submit resignation (employee)",

"security": [

{

"bearerAuth": []

}

],

"requestBody": {

"required": true,

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"lwd": {

"type": "string",

"format": "date",

"description": "Last working day"

}

},

"required": [

"lwd"

]

}

}

}

},

"responses": {

"200": {

"description": "OK",

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"data": {

"type": "object",

"properties": {

"resignation": {

"type": "object",

"properties": {

"\_id": {

"type": "string"

},

"employeeId": {

"type": "string"

},

"lwd": {

"type": "string",

"format": "date"

},

"status": {

"type": "string",

"example": "pending"

},

"submittedAt": {

"type": "string",

"format": "date-time"

}

}

}

}

}

}

}

}

}

}

}

}

},

"/api/admin/conclude\_resignation": {

"put": {

"summary": "Approve or reject resignation (admin)",

"security": [

{

"bearerAuth": []

}

],

"requestBody": {

"required": true,

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"resignationId": {

"type": "string"

},

"approved": {

"type": "boolean",

"description": "true = approved, false = rejected"

},

"lwd": {

"type": "string",

"format": "date",

"description": "Final last working day (optional)"

}

},

"required": [

"resignationId",

"approved"

]

}

}

}

},

"responses": {

"200": {

"description": "OK",

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"message": {

"type": "string"

},

"data": {

"type": "object",

"properties": {

"resignationId": {

"type": "string"

},

"approved": {

"type": "boolean"

},

"lwd": {

"type": "string",

"format": "date"

},

"status": {

"type": "string"

},

"concludedAt": {

"type": "string",

"format": "date-time"

}

}

}

}

}

}

}

},

"400": {

"description": "Bad Request"

},

"404": {

"description": "Not Found"

}

}

}

},

"/api/admin/resignations": {

"get": {

"summary": "View all resignations (admin)",

"security": [

{

"bearerAuth": []

}

],

"responses": {

"200": {

"description": "OK",

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"data": {

"type": "array",

"items": {

"type": "object",

"properties": {

"\_id": {

"type": "string"

},

"employeeId": {

"type": "string"

},

"lwd": {

"type": "string",

"format": "date"

},

"status": {

"type": "string"

},

"submittedAt": {

"type": "string",

"format": "date-time"

},

"concludedAt": {

"type": "string",

"format": "date-time"

}

}

}

}

}

}

}

}

}

}

}

},

"/api/user/responses": {

"post": {

"summary": "Submit exit questionnaire (employee)",

"security": [

{

"bearerAuth": []

}

],

"requestBody": {

"required": true,

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"responses": {

"type": "array",

"items": {

"type": "object",

"properties": {

"questionText": {

"type": "string"

},

"response": {

"type": "string"

}

}

}

}

},

"required": [

"responses"

]

}

}

}

},

"responses": {

"200": {

"description": "OK",

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"message": {

"type": "string",

"example": "Responses submitted successfully"

}

}

}

}

}

}

}

}

},

"/api/admin/exit\_responses": {

"get": {

"summary": "View all exit questionnaire responses (admin)",

"security": [

{

"bearerAuth": []

}

],

"responses": {

"200": {

"description": "OK",

"content": {

"application/json": {

"schema": {

"type": "object",

"properties": {

"data": {

"type": "array",

"items": {

"type": "object",

"properties": {

"employeeId": {

"type": "string"

},

"submittedAt": {

"type": "string",

"format": "date-time"

},

"responses": {

"type": "array",

"items": {

"type": "object",

"properties": {

"questionText": {

"type": "string"

},

"response": {

"type": "string"

}

}

}

}

}

}

}

}

}

}

}

}

}

}

}

},

"components": {

"securitySchemes": {

"bearerAuth": {

"type": "http",

"scheme": "bearer",

"bearerFormat": "JWT"

}

}

}

}