## API Documentation - Endpoints

The host name in non production is: http://localhost:3000 and the base url is /api/v1

So in total this becomes: http://localhost:3000/api/v1

### Authentication

* **POST** -> /registerWithAdmin

*Example request:*

{  
 "username": "USER\_NAME",  
 "password": "PASSWORD",  
 "appType": "systemAdmin",  
 "organisation": {  
 "id": "1",  
 "name": "NAME"  
 },  
 "affiliation": {  
 "id": "1",  
 "name": "NAME"  
 }  
}

Be sure to set header *Authorization* with the value of AUTH\_ADMIN\_SECRET from the .env file.

* **POST** -> /login

*Example request:*

{  
 "username": "A\_USERNAME",  
 "password": "A\_PASSWORD"  
}

*Example response:*

{  
 "token":"eyJhbGciOiJIUzI1NiIsInR5cCI6IkpXVCJ9. eyJ1c2VyIjp7ImlkIjoiMDA5MDNhOTgtZGVkMy00MmMxLWJjZDUtNGIyOWUyNzg4MjFmIiwidXNlcm5hbWUiOiJNb3J0ZW4iLCJvcmdhbmlzYXRpb24iOnsiaWQiOiIxIiwibmFtZSI6ImJsYSJ9LCJhZmZpbGlhdGlvbiI6eyJpZCI6IjEiLCJuYW1lIjoiYmxhYmxhIn19LCJpYXQiOjE1NDU5OTQ2MDEsImV4cCI6MTU1MjA0MjYwMX0.8nu8MtCkQfEMKXpdPCiTpEIG0GZdgoBdHErVHcTHTrw",  
 "username": "<USERNAME>",  
 "affiliation": "<ORGANISATION NAME>"  
 "appType": "member" or "systemAdmin"  
}

* **POST** -> /register

*Example request:*

{  
 "username": "USER\_NAME",  
 "password": "A\_PASSWORD",  
 "organisation": {  
 "id": "1",  
 "name": "NAME"  
 },  
 "affiliation": {  
 "id": "1",  
 "name": "Butik 1"  
 }  
}

Be sure to set header *Authorization* with the value of token from a login response from a systemAdmin

* **Get** -> /users

*Example response:*

{  
 "status": "ok",  
 "msg": "successfully retrieved users",  
 "users": [  
 {  
 "username": "A\_USER\_NAME"  
 "affiliation": {  
 "id": "123",  
 "name": "SHOP\_NAME"  
 }  
 }  
 ...  
 ]  
}

Be sure to set header *Authorization* with the value of token from a login response from a systemAdmin

### Organisations

* **POST** -> /organisation

*Example request:*

{  
 "name": "butik 1"  
}

*Example response:*

{  
 "status": "ok",  
 "msg": "Organisation with id 'e4e2c319-74ee-4dd4-bd70-9a9a0181603b' has been created",  
 "organisation": {  
 "name": "butik 1",  
 "id": "e4e2c319-74ee-4dd4-bd70-9a9a0181603b"  
 }  
}

Be sure to set header *Authorization* with the value of token from a systemAdmin login response

* **GET** -> /organisation

add ?ids=["<ID1>", "<ID2>"] to the url to search for organisations with ids

*Example response:*

{  
 "status": "ok",  
 "result": [  
 {  
 "docType": "organisation",  
 "id": "592d5fb0-a449-4bff-9bf6-986deca4ab6b",  
 "name": "org1"  
 },  
 {  
 "docType": "organisation",  
 "id": "e4e2c319-74ee-4dd4-bd70-9a9a0181603b",  
 "name": "butik 1"  
 }  
 ]  
}

Be sure to set header *Authorization* with the value of token from a login response

* **GET** -> /organisation/:id

*Example response:*

{  
 "status": "ok",  
 "organisation": {  
 "docType": "organisation",  
 "id": "592d5fb0-a449-4bff-9bf6-986deca4ab6b",  
 "name": "org1"  
 }  
}

### Cases

* **GET** -> /case/:id

*Example response:*

{  
 "case": {  
 "docType": "case",  
 "foodItem": "ae3e359b-3c86-4acd-b3e4-e29487c129c4",  
 "id": "1dfb9685-58a7-42ed-9e79-698d097a6bef",  
 "state": "open"  
 },  
 "foodItem": {  
 "EANno": "987654321987654321",  
 "docType": "foodItem",  
 "id": "ae3e359b-3c86-4acd-b3e4-e29487c129c4",  
 "name": "fødevare1"  
 },  
 "parts": [  
 {  
 "caseId": "1dfb9685-58a7-42ed-9e79-698d097a6bef",  
 "docType": "casePart",  
 "id": "75b1b156-3785-4ed9-90aa-dc145fb74541",  
 "nextParts": [  
 "70dda051-6365-453b-b8db-df8a2dc469e2"  
 ],  
 "owner": "592d5fb0-a449-4bff-9bf6-986deca4ab6b",  
 "prevPart": "",  
 "state": "seen"  
 },  
 {  
 "caseId": "1dfb9685-58a7-42ed-9e79-698d097a6bef",  
 "docType": "casePart",  
 "id": "70dda051-6365-453b-b8db-df8a2dc469e2",  
 "nextParts": [],  
 "owner": "2955c2be-1f6d-49ea-aba9-7e7de1aee468",  
 "prevPart": "75b1b156-3785-4ed9-90aa-dc145fb74541",  
 "state": "new"  
 }  
 ]  
}

Be sure to set header *Authorization* with the value of token from a login response

With member token, you will get all cases related to that users organisation

With a systemAdmin token, you will get all case and all caseparts for a complete overview

* **POST** -> /case

*Example request:*

{  
 "foodItem": {  
 "name": "<FOODITEM NAME>"  
 "EANno": "<FOODITEM\_EAN\_NUMBER>",  
 },  
 "case": {  
 "state": "open"   
 },  
 "casePart":{  
 "state": "seen"  
 "prevPart": "",  
 }  
 "nextParts": [  
 {  
 "owner": "<OrganisationID>",  
 "state": "new",  
 }  
 ]  
  
}

*Example response*

{  
 "status": "ok",  
 "msg": "case with id 'cf7008a0-e663-4041-a417-79517314a9b9' has been created",  
 "case": {  
 "foodItem": {  
 "name": "test item",  
 "EANno": "987654321",  
 "id": "99f68068-531e-4ac5-921b-c95f7f233a0b"  
 },  
 "case": {  
 "state": "open",  
 "foodItem": "99f68068-531e-4ac5-921b-c95f7f233a0b",  
 "id": "cf7008a0-e663-4041-a417-79517314a9b9"  
 },  
 "casePart": {  
 "state": "seen",  
 "prevPart": "",  
 "id": "44bd6f27-4d5a-49c0-9b08-0bd18c558114",  
 "caseId": "cf7008a0-e663-4041-a417-79517314a9b9",  
 "owner": "1",  
 "nextParts": [  
 "c826c450-012f-4aa9-a909-f381ff0f6c89"  
 ]  
 },  
 "nextParts": [  
 {  
 "owner": "123kdk29394",  
 "state": "new",  
 "id": "c826c450-012f-4aa9-a909-f381ff0f6c89",  
 "caseId": "cf7008a0-e663-4041-a417-79517314a9b9",  
 "nextParts": [],  
 "prevPart": "44bd6f27-4d5a-49c0-9b08-0bd18c558114"  
 }  
 ]  
 }  
}

Be sure to set header *Authorization* with the value of token from a login response from a member

* **GET** -> /case

returns all cases belonging to the affiliation of the user making the call

*Example response:*

{  
 "cases": [  
 {  
 "case": {  
 "docType": "case",  
 "foodItem": "ae3e359b-3c86-4acd-b3e4-e29487c129c4",  
 "id": "1dfb9685-58a7-42ed-9e79-698d097a6bef",  
 "state": "open"  
 },  
 "foodItem": {  
 "EANno": "987654321987654321",  
 "docType": "foodItem",  
 "id": "ae3e359b-3c86-4acd-b3e4-e29487c129c4",  
 "name": "fødevare1"  
 },  
 "caseParts": [  
 {  
 "caseId": "1dfb9685-58a7-42ed-9e79-698d097a6bef",  
 "docType": "casePart",  
 "id": "75b1b156-3785-4ed9-90aa-dc145fb74541",  
 "nextParts": [  
 "70dda051-6365-453b-b8db-df8a2dc469e2"  
 ],  
 "owner": "592d5fb0-a449-4bff-9bf6-986deca4ab6b",  
 "prevPart": "",  
 "state": "seen"  
 },  
 ...  
 ]  
 }  
 ]  
}

Be sure to set header *Authorization* with the value of token from a login response

With member token, you will get the case and parts related to the token member. This is the part related, and the next parts and previous part

With a systemAdmin token, you will get the case and all caseparts for a complete overview

* **GET** -> /case/:id/history

returns a history of changes to the case object

*Example response:*

{  
 "caseHistory": [  
 {  
 "case": {  
 "docType": "case",  
 "id": "1dfb9685-58a7-42ed-9e79-698d097a6bef",  
 "foodItem": "ae3e359b-3c86-4acd-b3e4-e29487c129c4",  
 "state": "open"  
 },  
 "timestamp": "1547302957"  
 },  
 ...  
 ]  
}

Be sure to set header *Authorization* with the value of token from a login response

* **PUT** -> /case

*Example request:*

{   
 "foodItem": "dc4536f1-ea72-4157-ac1c-2921bde6acf1",  
 "id": "31492e02-fd75-43fa-982d-b464b277a0fc",  
 "state": "closed"  
 }

*Example response:*

{  
 "status": "ok",  
 "msg": "case with id '1dfb9685-58a7-42ed-9e79-698d097a6bef' has been update",  
 "case": {  
 "foodItem": "ae3e359b-3c86-4acd-b3e4-e29487c129c4",  
 "id": "1dfb9685-58a7-42ed-9e79-698d097a6bef",  
 "state": "closed"  
 }  
}

Be sure to set header *Authorization* with the value of token from a systemAdmin login response

### CaseParts

* **PUT** /casepart

Updates a casepart with new parts and changes to state

*Example request:*

{  
 "casePart": {  
 "state": "seen",  
 "prevPart": "",  
 "id": "60befc24-7531-496d-83a7-e7c9800c5609",  
 "caseId": "effb068a-ddd7-49b7-834a-ed10f838be98",  
 "owner": "1",  
 "nextParts": [  
 "3847b76d-17c7-44e0-b307-8fd9e4898ad0"  
 ]  
 },  
 "nextParts": [  
 {  
 "owner": "dkdsdwl",  
 "state": "new",  
 "caseId": "effb068a-ddd7-49b7-834a-ed10f838be98",  
 "nextParts": [],  
 "prevPart": "60befc24-7531-496d-83a7-e7c9800c5609"  
 }  
 ]  
 }

*Example response:*

{  
 "status": "ok",  
 "msg": "casepart with id 'undefined' has been updated",  
 "case": {  
 "casePart": {  
 "caseId": "1dfb9685-58a7-42ed-9e79-698d097a6bef",  
 "docType": "casePart",  
 "id": "70dda051-6365-453b-b8db-df8a2dc469e2",  
 "nextParts": [  
 "7416fd6e-7f19-4478-a3d6-60778848826c"  
 ],  
 "owner": "2955c2be-1f6d-49ea-aba9-7e7de1aee468",  
 "prevPart": "75b1b156-3785-4ed9-90aa-dc145fb74541",  
 "state": "closed"  
 },  
 "nextParts": [  
 {  
 "owner": "dkdsdwl",  
 "state": "new",  
 "caseId": "1dfb9685-58a7-42ed-9e79-698d097a6bef",  
 "nextParts": [],  
 "prevPart": "70dda051-6365-453b-b8db-df8a2dc469e2",  
 "id": "7416fd6e-7f19-4478-a3d6-60778848826c"  
 }  
 ]  
 }  
}

Be sure to set header *Authorization* with the value of token from a login response

* **GET** /casepart/:id/history

shows the history of changes to a casepart

*Example response:*

{  
 "casePartHistory": [  
 {  
 "casePart": {  
 "docType": "casePart",  
 "id": "70dda051-6365-453b-b8db-df8a2dc469e2",  
 "caseId": "1dfb9685-58a7-42ed-9e79-698d097a6bef",  
 "owner": "2955c2be-1f6d-49ea-aba9-7e7de1aee468",  
 "state": "new",  
 "prevPart": "75b1b156-3785-4ed9-90aa-dc145fb74541",  
 "nextParts": []  
 },  
 "timestamp": "1547302957"  
 },  
 ...  
 ]  
}

Be sure to set header *Authorization* with the value of token from a login response