4Sight-ML_APIs - v1.3-R

```yaml
swagger: '2.0'
info:
  description: Documentation of 4Sight-ML APIs
  version: 1.3.0
  title: 4Sight-ML Swagger v1.3
host: localhost
basePath: /4sightml
tags:
  - name: consume model
    description: APIs to consume model output
schemes:
  - http
paths:
  /predictions:
    post:
      tags:
        - consume model
      summary: API for the product user to consume predictions
      description: >-
        API for the product user to consume predictions
      consumes:
        - application/json
      produces:
        - application/json
      parameters:
        - name: token
          in: header
          description: session token
          required: true
          type: string
        - name: account
          in: header
          description: Account name
          required: true
          type: string
        - name: modelName
          in: query
          description: Name of the model
          required: true
          type: string
        - name: body
          in: body
          description: Request body
          required: true
          schema:
            $ref: '#/definitions/PredictionRequest'
      responses:
```

```yaml
        '200':
          description: Success
          schema:
            $ref: '#/definitions/PredictionResponse'
        '401':
          description: Unauthorized.
          schema:
            $ref: '#/definitions/UnAuthorizedResponse'
          headers:
            StatusMessage:
              type: string
        '400':
          description: Bad Request. For invalid request body format.
          schema:
            $ref: '#/definitions/BadRequestResponse'
          headers:
            StatusMessage:
              type: string
/recommendations:
  post:
    tags:
      - consume model
    summary: API for the product user to consume recommendations
    description: >-
      API for the product user to consume recommendations
    consumes:
      - application/json
    produces:
      - application/json
    parameters:
      - name: token
        in: header
        description: session token
        required: true
        type: string
      - name: account
        in: header
        description: Account name
        required: true
        type: string
      - name: modelName
        in: query
        description: Name of the model
        required: true
        type: string
      - name: body
        in: body
        description: Request body
        required: true
        schema:
```

```yaml
                    $ref: '#/definitions/RecommendationRequest'
        responses:
          '200':
            description: Success
            schema:
              $ref: '#/definitions/RecommendationResponse'
          '401':
            description: Unauthorized.
            schema:
              $ref: '#/definitions/UnAuthorizedResponse'
            headers:
              StatusMessage:
                type: string
          '400':
            description: Bad Request. For invalid request body format.
            schema:
              $ref: '#/definitions/BadRequestResponse'
            headers:
              StatusMessage:
                type: string
  /associations:
    post:
      tags:
        - consume model
      summary: API for the product user to consume associations
      description: >-
        API for the product user to consume associations
      consumes:
        - application/json
      produces:
        - application/json
      parameters:
        - name: token
          in: header
          description: session token
          required: true
          type: string
        - name: account
          in: header
          description: Account name
          required: true
          type: string
        - name: modelName
          in: query
          description: Name of the model
          required: true
          type: string
        - name: body
          in: body
          description: Request body
```

```yaml
              required: true
              schema:
                $ref: '#/definitions/AssociationRequest'
        responses:
          '200':
            description: Success
            schema:
              $ref: '#/definitions/RecommendationResponse'
          '401':
            description: Unauthorized.
            schema:
              $ref: '#/definitions/UnAuthorizedResponse'
            headers:
              StatusMessage:
                type: string
          '400':
            description: Bad Request. For invalid request body format.
            schema:
              $ref: '#/definitions/BadRequestResponse'
            headers:
              StatusMessage:
                type: string
definitions:
  UnAuthorizedResponse:
    type: object
    properties:
      message:
        type: string
        example: UnAuthorized
  BadRequestResponse:
    type: object
    properties:
      message:
        type: string
        example: Invalid Request Body
  PredictionRequest:
    type: array
    items:
      type: object
  RecommendationRequest:
    type: array
    items:
      type: object
  RecommendationResponse:
    type: object
    properties:
      Recommend:
        type: array
        items:
          type: string
```

```yaml
AssociationRequest:
  type: object
  properties:
    items:
      type: array
      items:
        type: string
PredictionResponse:
  type: object
  properties:
    predictions:
      type: array
      items:
        type: number
```