APIs_invoked_from_4Sight-Server - 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: Queue
    description: APIs manage Queue models
schemes:
  - http
paths:
  /isModelTrained:
    get:
      tags:
        - Predictions
      summary: API to check whether a model is trained or not
      description: >-
        API to check whether a model is trained or not
      produces:
        - application/json
      parameters:
        - name: clientId
          in: header
          description: clientID token
          required: true
          type: string
        - name: modelId
          in: query
          description: Model ID
          required: true
          type: integer
      responses:
        '200':
          description: Success
          schema:
            type: object
            properties:
              message:
                type: string
                example : "True"
        '400':
          description: Bad Request. For invalid request body format.
          schema:
            $ref: '#/definitions/BadRequestResponse'
          headers:
```

```yaml
            StatusMessage:
              type: string
        '500':
          description: SQLAlchemyError
          schema:
            type: object
            properties:
              message:
                type: string
        '401':
          description: Unauthorized.
          schema:
            $ref: '#/definitions/UnAuthorizedResponse'
          headers:
            StatusMessage:
              type: string
/deleteModel:
  get:
    tags:
      - Predictions
    summary: API to delete checkpoint and queue
    description: >-
      API to delete checkpoint and queue
    produces:
      - application/json
    parameters:
      - name: clientId
        in: header
        description: clientID token
        required: true
        type: string
      - name: modelId
        in: query
        description: Model ID
        required: true
        type: integer
    responses:
      '200':
        description: Success
        schema:
          type: object
          properties:
            message:
              type: string
              example : "Deleted"
      '400':
        description: Bad Request. For invalid request body format.
        schema:
          $ref: '#/definitions/BadRequestResponse'
        headers:
```

```yaml
          StatusMessage:
            type: string
        '500':
          description: SQLAlchemyError
          schema:
            type: object
            properties:
              message:
                type: string
        '401':
          description: Unauthorized.
          schema:
            $ref: '#/definitions/UnAuthorizedResponse'
          headers:
            StatusMessage:
              type: string

/addModelToQueue:
  post:
    tags:
      - Queue
    summary: API to add model to queue
    description: >-
      API to add model to queue
    consumes:
      - application/json
    produces:
      - application/json
    parameters:
      - name: clientId
        in: header
        description: clientID token
        required: true
        type: string
      - name: modelId
        in: query
        description: Model ID
        required: true
        type: integer
    responses:
      '200':
        description: Success
        schema:
          $ref: '#/definitions/SuccessResponse'
      '401':
        description: Unauthorized.
        schema:
          $ref: '#/definitions/UnAuthorizedResponse'
        headers:
          StatusMessage:
```

```yaml
                type: string
          '400':
            description: Bad Request. For invalid request body format.
            schema:
              $ref: '#/definitions/BadRequestResponse'
            headers:
              StatusMessage:
                type: string
          '500':
            description: SQLAlchemyError
            schema:
              type: object
              properties:
                message:
                  type: string
/getModelEvaluationMetrics:
  get:
    tags:
      - Metrices
    summary: API to get model metric values
    description: API to get model metric values
    consumes:
      - application/json
    produces:
      - application/json
    parameters:
      - name: clientId
        in: header
        description: clientID token
        required: true
        type: string
      - name: modelId
        in: query
        description: Model ID
        required: true
        type: integer
    responses:
      '200':
        description: Success
        schema:
          type: object
          properties:
            items :
              type: string
      '401':
        description: Unauthorized.
        schema:
          $ref: '#/definitions/UnAuthorizedResponse'
        headers:
          StatusMessage:
```

```yaml
              type: string
          '400':
            description: Bad Request. For invalid request body format.
            schema:
              $ref: '#/definitions/BadRequestResponse'
            headers:
              StatusMessage:
                type: string
          '500':
            description: SQLAlchemyError
            schema:
              type: object
              properties:
                message:
                  type: string
  /predictions_client:
    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: clientId
          in: header
          description: clientID token
          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:
        '200':
          description: Success
          schema:
            $ref: '#/definitions/PredictionResponse'
        '401':
          description: Unauthorized.
```

```yaml
              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
  /check_queue:
    get:
      tags:
        - Queue
      summary: API to check if a model exist in a queue
      description: >-
        API to check if a model exist in a queue
      consumes:
        - application/json
      produces:
        - application/json
      parameters:
        - name: clientId
          in: header
          description: clientID token
          required: true
          type: string
        - name: modelId
          in: query
          description: Model ID
          required: true
          type: integer
      responses:
        '200':
          description: Success
          schema:
            $ref: '#/definitions/APIResponse'
        '401':
          description: Unauthorized.
          schema:
            $ref: '#/definitions/UnAuthorizedResponse'
          headers:
            StatusMessage:
              type: string
        '400':
          description: Bad Request. For invalid request body format.
          schema:
            $ref: '#/definitions/BadRequestResponse'
```

```yaml
              headers:
                StatusMessage:
                  type: string
          '500':
            description: SQLAlchemyError
            schema:
              type: object
              properties:
                message:
                  type: string
definitions:
  UnAuthorizedResponse:
    type: object
    properties:
      message:
        type: string
        example: UnAuthorized
  BadRequestResponse:
    type: object
    properties:
      message:
        type: string
        example: Invalid Request
  SuccessResponse:
    type: object
    properties:
      exists:
        type: boolean
        example: true
  APIResponse:
    type: object
    properties:
      message:
        type: string
        example: Success
  PredictionRequest:
    type: array
    items:
      type: object
  PredictionResponse:
    type: object
    properties:
      predictions:
        type: array
        items:
          type: number
```