

## BALLET EXERCISES API

### DATABASE

#### Collections

##### Exercises

- id
- title (string)
- mainImg (image)
- category (string)
- difficulty (int)
- explanation (object)
- illustrationSteps (array)
- tutorialVideo (video)
- donts (array)
- tips (array)

##### Favorites

- id
- exercise

#### Example object

##### Exercises

```
{  
  "id": "7",  
  "title": "Échappé to 2nd Position",  
  "mainImg": "./images/ech2pos/ill_ech2pos_3.png",  
  "category": "Pointes",  
  "difficulty": 3,  
  
  "explanation": {  
    "description": "Échappé on pointe is a controlled jump or slide where the feet open from fifth to second position. It develops balance, coordination, and control in relevé or full pointe.",  
    "focus": "Maintain turnout, keep ankles lifted, land softly."  
  },  
  
  "illustrationSteps": [  
    {  
      "step": 1,  
      "title": "Start in Fifth Position",  
      "description": "Arms in preparation.",  
      "imageUrl": "./images/ech2pos/ill_ech2poss_1.png"  
    },  
    {  
      "step": 2,  
      "title": "Engage Core and Ankles",  
      "description": "Prepare for upward or lateral movement.",  
    }  
  ]  
}
```

```
        "imageUrl": "./images/ech2pos/ill_ech2poss_2.png"
    },
],
"tutorialVideo": "./videos/echappe.mp4",
"donts": [
{
    "text": "Don't let feet turn in.",
    "imageUrl": "./images/ech2pos/dont_ech2poss_1.png"
},
],
"tips": [
{
    "text": "Strengthen relevé and demi-pointe exercises first.",
    "imageUrl": "./images/ech2pos/tips_ech2poss_1.png"
}
]
}
```

### Favorites

```
{
    _id: ObjectId(1234)
    exercise: ObjectId(5678)
}
```

## API

### Exercises

#### Example Request

GET /exercises?category=adagio&sortBy=difficulty

#### Example Request

\*GET /exercises/:id

-> Error Response (404, 500) = "exercise not found"

### Favorites

#### Example Request

\*GET /favorites

-> Error Response (500)

#### Example Request

\*POST /favorites

-> Error Response (400, 500) = "already favorited"

-> Successful message (201) = "favorite saved"

#### Example Request

\*DELETE /favorites/:exerciseId

-> Error Response(500)

-> Successful message = "favorite removed"