**Glass Cart**

Products API

**1. Get All Products**

GET /products

### 2. Get Trending Products

GET /products/trending

### 3. Get Recommended Products

GET /products/recommended

### 4. Get Product by ID

GET /products/:id

### 5. Get Product Categories

GET /products/categories

### 6. Get Category-Specific Products

GET /products/eyeglasses

GET /products/sunglasses

GET /products/computer-glasses

GET /products/contact-lenses

GET /products/color-contact-lenses

### 7. Get Special Category Products

GET /products/computer-blu-lenses/with-power

GET /products/computer-blu-lenses/zero-power

### 8. Advanced Filtering

GET /products/filter

Advanced filtering with multiple parameters.**Query Parameters:**

| Parameter | Type | Description |

|-----------|------|-------------|

| mainCategory | string | Main product category |

| subCategory | string | Sub category |

| personCategory | string | Person category (men/women/kids) |

| gender | string | Gender filter |

| ageGroup | string | Age group filter |

| selectedCategoryPrice | string | Price category |

| brands | string[] | Brand names |

| topPicks | boolean | Top picks filter |

| powerType | string | Power type (with\_power/zero\_power) |

| prescriptionType | string | Prescription type |

| supportedPowers | string[] | Supported power ranges |

| frameType | string | Frame type |

| shape | string | Frame shape |

| frameSize | string | Frame size |

| frameWidth | string | Frame width |

| weightGroup | string | Weight group |

| style | string | Style filter |

| lensFeatures | string[] | Lens features |

| priceRange | string | Price range |

| search | string | Search term |

| limit | number | Items per page |

| offset | number | Pagination offset |

**Filter APIs**

**Shapes**

/filter?mainCategory=GLASSES&shape=Oval

**PersonCategory**

/filter?personCategory=Men

/filter?personCategory=Women

/filter?personCategory=Kids

**SubCategories\_Eyeglasses**

/filter?subCategory=EYEGLASSES

**SubCategories\_Sunglasses**

/filter?subCategory=SUNGLASSES

**SubCategories\_Computer\_glasses**

/filter?subCategory=COMPUTER\_GLASSES

**SubCategories\_Contact\_lenses**

/filter?subCategory=CONTACT\_LENSES

**SELECT CATEGORY**

/filter?selectedCategoryPrice=classic-eyeglasses

/filter?selectedCategoryPrice=premium-eyeglasses

/filter?selectedCategoryPrice=designer-eyeglasses

**TopPicks**

/filter?topPicks=best-sellers

**FrameType**

/filter?frameType=Full Rim

**Contact\_lensesBrands**

filter?subCategory=CONTACT\_LENSES&brands=Versace

**Contact\_lenses\_type**

/filter?subCategory=CONTACT\_LENSES&contactLensType=yearly

**PowerType**

/filter?subCategory=CONTACT\_LENSES&powerType=single\_vision

**Contact\_Lenses\_Colors**

/filter?subCategory=CONTACT\_LENSES&contactLensColors=Blue

**SolutionSize**

/filter?subCategory=CONTACT\_LENS\_SOLUTION&contactLensSolutionSize=Large

**AccessoryType**

/filter?subCategory=CONTACT\_LENS\_ACCESSORIES&accessoryType=Case

/filter?subCategory=CONTACT\_LENS\_ACCESSORIES&accessoryType=Cleaner

/filter?subCategory=CONTACT\_LENS\_ACCESSORIES&accessoryType=Solution

/filter?subCategory=CONTACT\_LENS\_ACCESSORIES&accessoryType=MULTI\_PURPOSE

/filter?subCategory=CONTACT\_LENS\_ACCESSORIES&accessoryType=CASE&accessorySize=SMALL&accessoryMaterial=PLASTIC

### 9. Product Management (Admin Routes)

POST /products

PUT /products/:id

products?subCategory=EYEGLASSES

products?subCategory=SUNGLASSES

products?subCategory=COMPUTER\_GLASSES

products?subCategory=CONTACT\_LENSES

products?personCategory=men

products?personCategory=women

products?personCategory=kids

products?selectedCategoryPrice=classic-eyeglasses

products?selectedCategoryPrice=premium-eyeglasses

products?selectedCategoryPrice=designer-eyeglasses

products?topPicks=best-sellers

products?frameType=Full Rim

products?subCategory=CONTACT\_LENSES&brands=Aqualens

products?subCategory=CONTACT\_LENSES&contactLensType=Yearly

products?subCategory=CONTACT\_LENSES&powerType=single\_vision

products?subCategory=CONTACT\_LENSES&contactLensColors=Blue

products?subCategory=CONTACT\_LENS\_SOLUTION&contactLensSolutionSize=Large (70-85 ml)