New requirements :)

- alt tag for accessibility
- thumbnail 800x600 pixels

Blackbook

1299,-

Buy

```
{
    product(id: $id) {
        title
        description
        image



    }
}
```

Blackbook

1299,-

Buy

```
{
  product(id: $id) {
    title
    description
    image {
      url
      title
      thumbnailUrl(
        width: 800,
        height: 600
      )
    }
  }
}
```

Blackbook
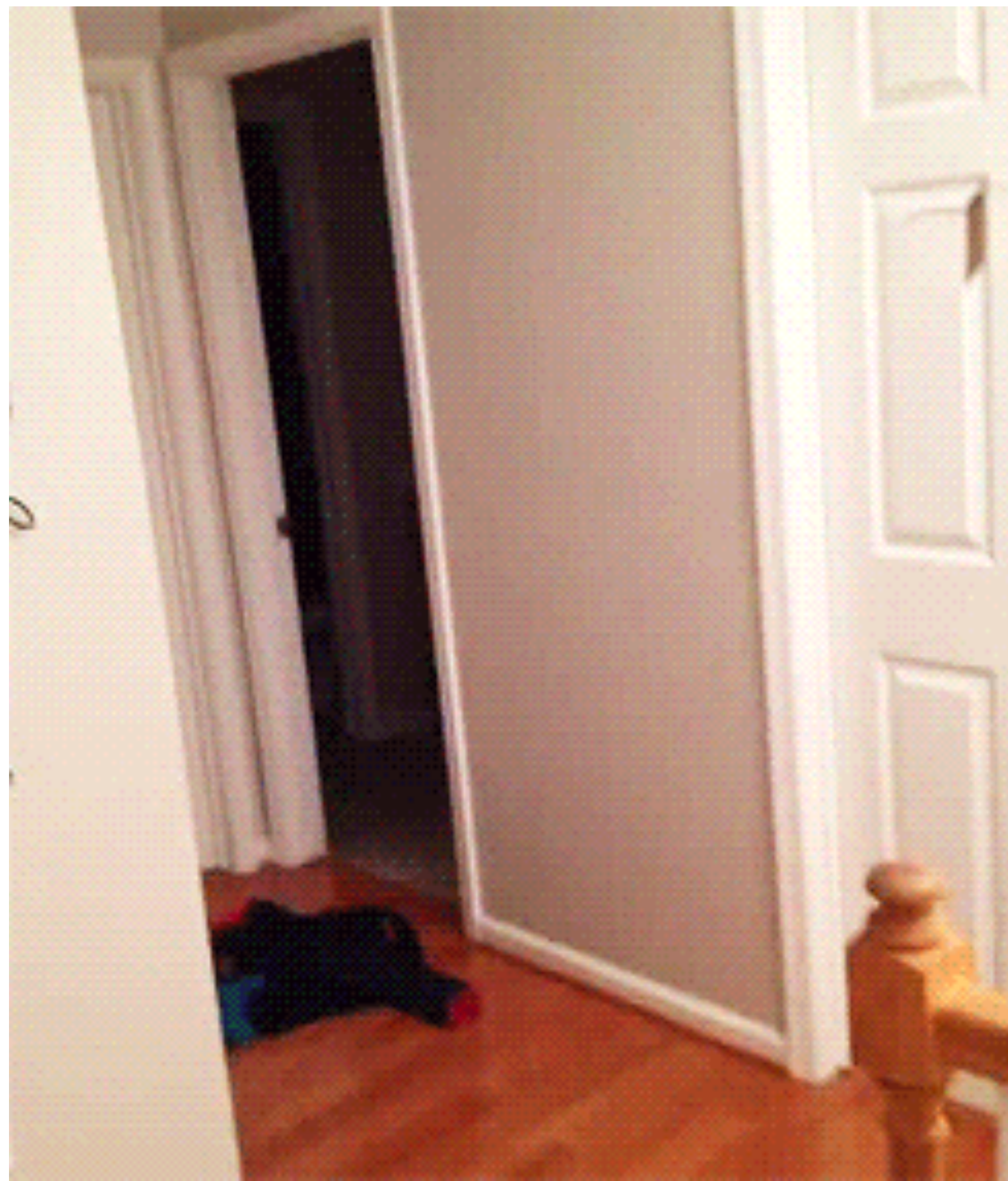
1299,-
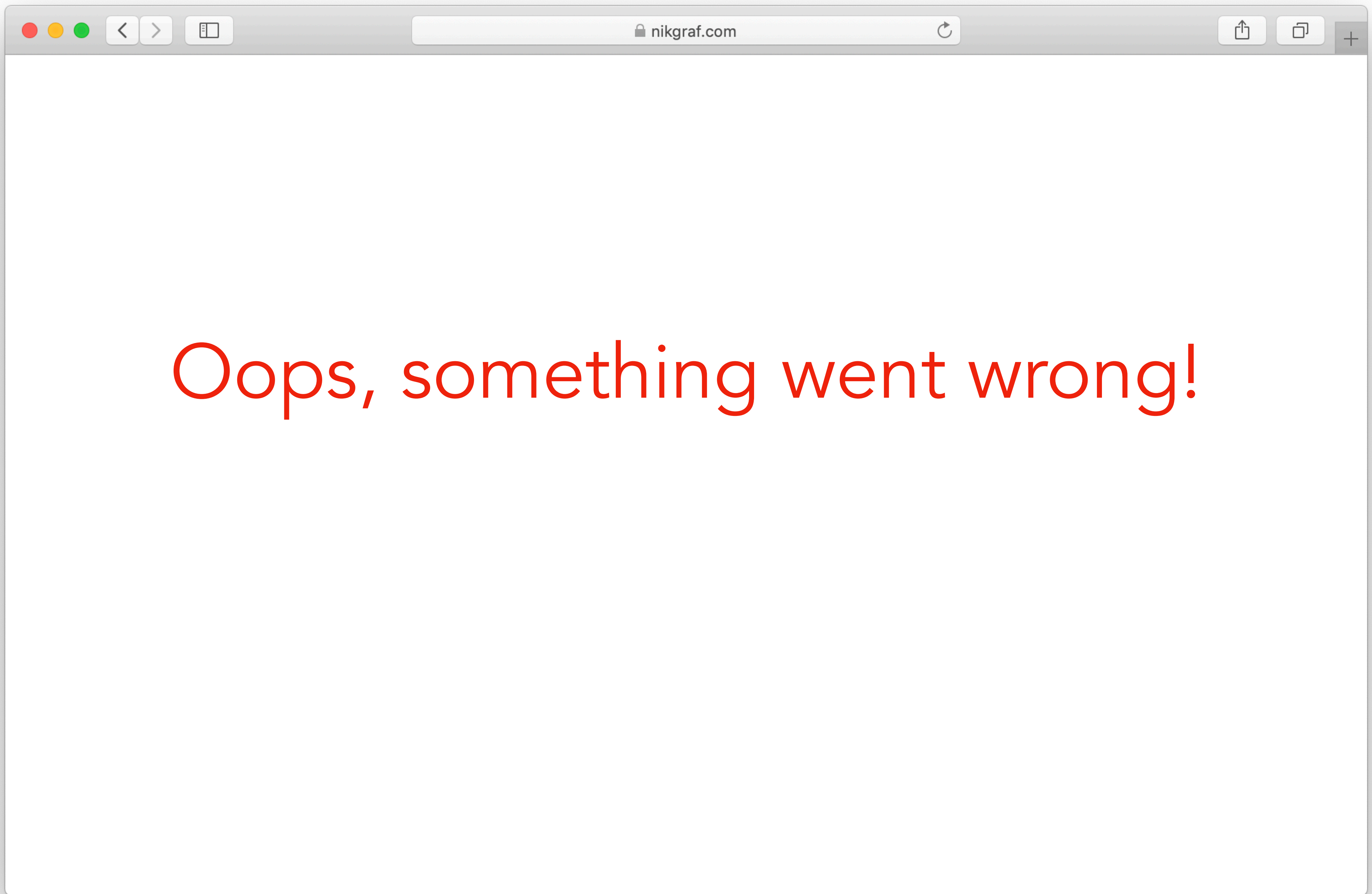
Buy

```
{
  product(id: $id) {
    title
    description
    image {
      url
      title
      thumbnailUrl(
        width: 800,
        height: 600
      )
    }
  }
}
```

```
{
  product: {
    title: "Blackbook";
    description: "Great …";
    image: {
      url: "https://www.noteboo
      title: "Blackbook Front V
      thumbnailUrl: "https://ww
    }
  }
}
```

Move fast ...

Oops, something went wrong!

Solutions

- ```
  {
      image
      imageAlt
      imageThumbnailUrl(width, height)
  }
  ```
- ```
  {
      imageObject {
          alt
          url
          thumbnailUrl(width, height)
      }
  }
  ```
- migration in 3 phases

  —> introduce `imageObject` & deprecate `image`

  —> (couple weeks later) introduce `image` and deprecate `imageObject`

  —> (couple weeks later) remove `image`

Solutions

- ```
  {
      image
      imageAlt
      imageThumbnailUrl(width, height)
  }
  ```

- ```
  {

      imageObject {
          alt
          url
          thumbnailUrl(width, height)
      }
  }
  ```

- migration in 3 phases

  —> introduce `imageObject` & deprecate `image`

  —> (couple weeks later) introduce `image` and deprecate `imageObject`

  —> (couple weeks later) remove `image`

Meh! 🙁

Meh! 🙁

Meeeh! 🙁

Blackbook

1299,-

Buy

```
{
  product(id: $id) {
    title
    description
    image
  }
}
```

Blackbook

1299,-

Buy

```
{
  product(id: $id) {
    title
    description
    imageUrl
  }
}
```

Blackbook

1299,-

Buy

```
{
  product(id: $id) {
    title
    description
    imageUrl
  }
}
```

```
{
  product: {
    title: "Blackbook";
    description: "Great
    imageUrl: "https://w
  }
}
```

Blackbook

1299,-

Buy

```graphql
{
  product(id: $id) {
    title
    description
    imageUrl
    image {
      url
      title
      thumbnailUrl(
        width: 800,
        height: 600
      )
    }
  }
}
```

```
{
  product: {
    title: "Blackbook";
    description: "Great
    imageUrl: "https://w
    image: {
      url: "https://www.
      title: "Blackbook
      thumbnailUrl: "htt
    }
  }
}
```

Good

- repositoryUrl
- likesCount
- hasWikiEnabled

Bad

- imageUrlString
- descriptionText