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## Why We Built This

Choosing furniture for your home can be stressful - will it fit? Will it match? Traditional shopping leaves these questions unanswered. Our AR home decor app solves this by letting you visualise furniture in your space before buying. Inspired by tools like IKEA's app, we improved accessibility (Android support), usability (easier scaling/rotation), and functionality (multi-item placement). No more guesswork - just confident decorating.

## Key Features



Browse 3D Furniture Models from the catalogue



AR Visualisation in Real Time Environment



Room Scanning and Size Measurement Tool



Add Multiple 3D Objects to the Environment



Take a Snapshot of the Layout for Later Reviewal

## How it works

**Scan:** Use your phone's camera to map your room.

**Measure:** Measure your environment to ensure the perfect fit

**Browse:** Pick items from our catalogue (filter by type, dimensions, colour, price).

**Place & Adjust:** Place 3D models into your space, move, rotate or delete them.

**Save:** Store created layouts for review later.

