

Project Summary and vision

Fujiji is a furniture listing website. Our goal is to provide space for people to effectively and efficiently buy and sell new or used furniture. People can easily browse listings and discover items for sale in their area.

Fujiji is targeted at all people who want to sell their furniture and also people who need furniture, with the main focus on those on a budget. This includes but is not limited to students, newlyweds, working individuals, and local businesses. The efficient price comparisons and negotiable prices on Fujiji accommodate those with a limited budget. By giving a second chance to used furniture, Fujiji would also appeal to those with a sustainable lifestyle.

Sellers can post an ad and choose to boost their ad by purchasing an extra fee. Moreover, users can leave comments and reviews on a listing, and the seller can pick a comment to be highlighted. This allows buyers to be aware of other necessary information about the listing. Buyers can also have a private conversation with the sellers via our chat feature. For convenience, buyers can tailor their search results to their needs with the filter and sort function. Additionally, Fujiji has an online payment option for fast transactions

Core features

1. User profile/account
2. Posting ad listings
3. Listings filter/catalog/sort
4. Making a purchase
5. Comments and reviews
6. Chat between users

Technologies

- Front-end: Next.js
- Back-end: Node.js, Express
- Database: Azure SQL

User Stories

1. User stories for user profile/account feature:
 - As a Fujiji user, I want to be able to create a Fujiji profile so that I can use Fujiji service.

- As a Fujiji user, I want to be able to edit my profile so that I have the most up-to-date information.
2. User stories for posting ad listings feature:
 - As a buyer, I want to be able to view ad listings so that I can see what furniture that are available in the market.
 - As a seller, I want to post an ad listing so that I can advertise my furniture that I'm selling.
 3. User stories for listings filter/catalog/sort feature:
 - As a buyer, I want to be able to filter listings by location so that I can see furniture for sale in my area only.
 - As a buyer, I want to be able to filter listings by category so that I can only see listings with the type of furniture that I want.
 - As a buyer, I want to be able to filter listings by price range so that the listings being shown are all within my budget.
 - As a buyer, I want to be able to sort listings by the time posted so that I can see from the newest or oldest listing first.
 - As a buyer, I want to be able to sort listings by the price so that I can see from the highest or lowest price first.
 4. User stories for making a purchase feature:
 - As a buyer, I want to be able to purchase an item using online payment so that I don't need to give my personal information to the seller.
 - As a seller, I want to be able to purchase an extra fee so that my ad is at the top of search results.
 5. User stories for comments and reviews feature:
 - As a buyer, I want to be able to leave a comment or a review on a listing so that I can show my opinion publicly.
 - As a Fujiji user, I want to be able to see all the comments and reviews on a listing so that I know what others think of that listing.
 - As a listing owner, I want to be able to reply to comments and reviews on my listing so that I can clarify any unclear information.
 - As a listing owner, I want to be able to highlight a comment or a review so that the one with the most necessary information catches the buyer's attention.
 6. User stories for chat between users feature:
 - As a Fujiji user, I want to be able to have a private conversation with the listing owner so that I can ask personal questions or requests.
 - As a listing owner, I want to be able to answer buyers privately so that sensitive information is not being exposed.