

# Neighborhood Tool Time

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## General Info:

This will be a marketplace for a neighborhood that allows neighbors to lend/borrow tools, lawn equipment, etc.

## Models

User, Tool, Category, Session, Borrows, Tool\_category

### User

\*required

Attributes:	Associations
e-mail* - string	has_many :tools
password* - string	has_many :borrows
first_name* - string	has_many :tools, through: :borrows
last_name* - string	
street_address* - string	
city* - string	
state *- string	
zip_code* - integer	

### Tool

\*required

Attributes:	Associations
name* - string	belongs_to :user
brand* - string	has_many :borrows
description* - string	has_many :users, through: :borrows
pic_url* - string	has_many :tool_categories
available - boolean -> default: true	has_many :categories, through: :tool_categories

### Borrows

\*required

Attributes:	Associations
begin_date* - datetime	belongs_to :user
end_date* - datetime	has_many :borrows
return_date - datetime	has_many :users, through: :borrows
tool_id* - integer	has_many :tool_categories
user_id* - integer	has_many :categories, through: :tool_categories

## Category

\*required

Attributes:	Associations
title* - string	has_many :tool_categories
	has_many :tools, through: :tool_categories

## Tool\_Category

\*required

Attributes:	Associations
tool_id* - integer	belongs_to :category
category_id* - integer	belongs_to :tool

## MVP

Users will be able to sign up, sign in, and sign out. Users will also be able to sign in using Google. Users will be able to create a base of all their tools. Users will then be able to borrow tools from other users. Validations will be included for models and for security to ensure only users with the appropriate access are making changes. Search: tool name and filter: by category utilites will be implemented.

## Stretch Goals

- Tests
- Admin user and admin access
- Reservations - i.e. reserving tools for future dates
- Calendar view for tools and their booked dates