



# RENTME – AN ACCOMMODATION AVAILABILITY TRACKER

Group 16

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## OBJECTIVES

- To retrieve data from multiple sites into one place and conserve time and manual labor.
- To create a user friendly and aesthetic interface.
- Help people find the right apartment that matches with their preferences and constraints.
- Allow owners to add information about residence availabilities in a region.

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## CURRENT SOLUTIONS & LIMITS

- Inability to compare multiple listings across different platforms
- Finding roommates with matching food preferences and lifestyle is cumbersome.
- Direct connectivity between the verified owners and tenants
- Unavailability of historical data for prices of residences in a locality
- Relevant information is not easily accessible. (Example: Distance of an apartment from Dalhousie's Studley campus)
- Historical information (Example: Prices) is unavailable.

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## HOW DOES THE NEW APPROACH TACKLE CURRENT ISSUES?

- A single application for multiple purposes!
- Scrapes data from several sites.
- Allows owners or lease holders to advertise availabilities.
- Apartment hunters and renters do not need to view/post ads on multiple websites.
- All pertinent information is presented in an easily accessible manner.
- Store historical data and create visualizations for analysis (Not a must-have but a good to-have feature).

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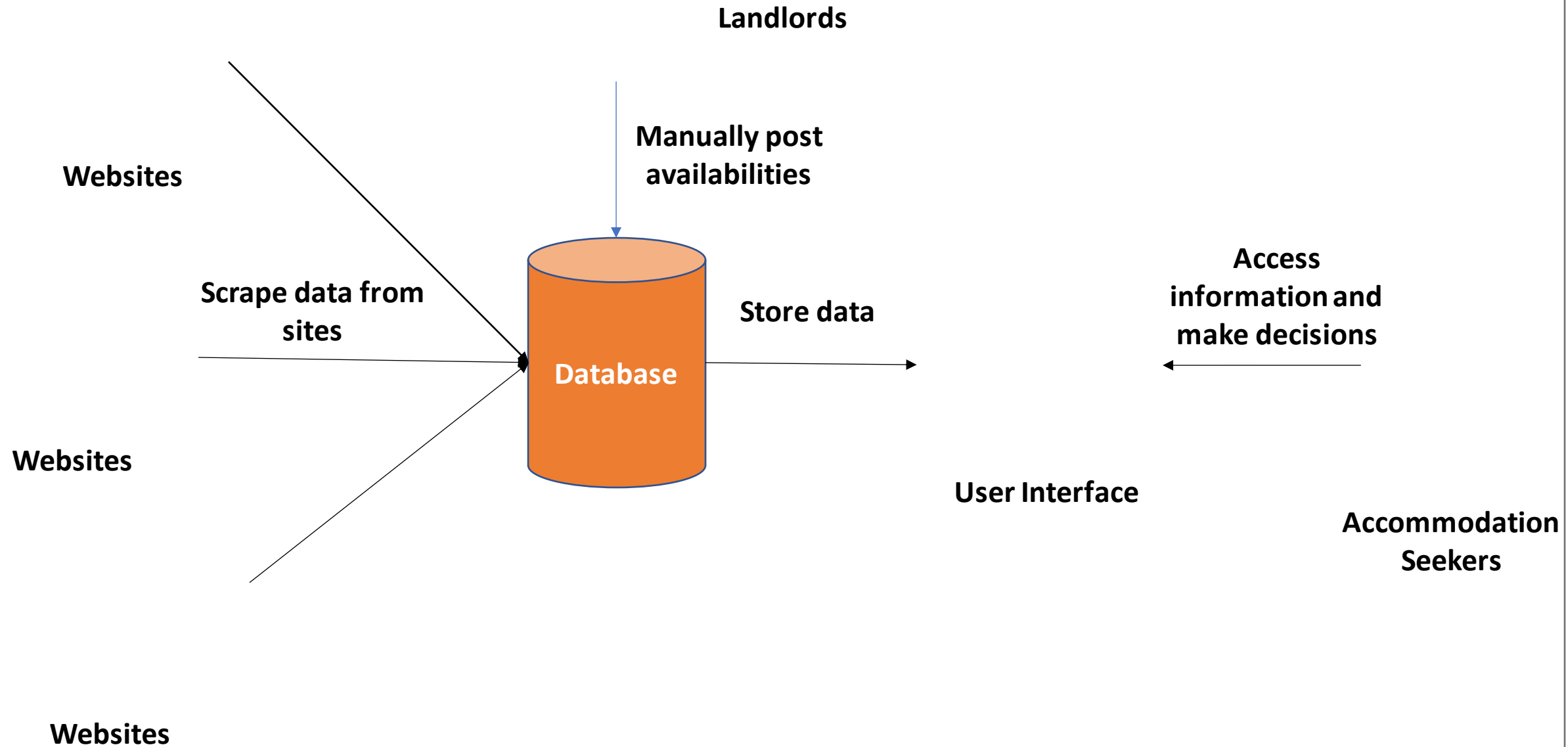
## WHAT DIFFERENCE DOES THE NEW APPROACH MAKE?

- Single Place to find all accommodation in a geographical region.
- Reduces manual labor.
- Includes relevant filters.
- Stores historical data.
- Improves accessibility.

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## MAJOR FEATURES

- Web Scraping information pertaining to accommodations.
- Add/Remove/Update availabilities.
- Filter data based on preferences.
- User Authentication.
- Embed Google maps in the interface.



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## POTENTIAL RISKS

- Multiple listings of one place may happen.
- Irrelevant suggestions may be listed due to incorrect user inputs.
- Some listings may be invalid in case of irregular updates.
- Authenticity of listings.