

## Value Eats

Many people love a good bargain, and it's no exception when it comes to eating out. In a push to bring people back into eateries like cafes and restaurants, Value Eats aims to connect eateries with diners. Eateries can maintain a profile about themselves and their menu. They can decide to add a set number of vouchers that offer a percentage discount for a given time range, and they can also decide to create a schedule to specify when they'd like discount vouchers to be available for their eateries. Diners can then look for discounts at eateries that look interesting to them, book a voucher for an eatery they're interested in, and use that voucher to get a discount on their meal. The platform also helps Diners decide where they'd like to eat by letting them write and read eatery reviews, and offering eatery recommendations. See the project objectives for further details on what this platform must be able to do.

### Project Objectives

Eateries must be able to register and maintain a profile for themselves that's visible to all platform users, and includes at least the eatery name, address, cuisines offered, and a menu. A subscribed eatery must be able to offer any given number of discount vouchers for any time-range of a given day; where a discount voucher provides a diner with a percentage discount on their bill for a specified time range at the eatery that offered the voucher. To save staff the trouble of adding discount vouchers separately for each day, Value Eats must also allow eateries to specify a repeated weekly schedule, specifically: when, what % discount, and how many discount vouchers will appear for each time range the eatery wants to offer discount vouchers for (eg: this could allow staff to specify that 20 discount vouchers, each offering 20% off, are automatically added for between 1pm and 2pm for every Tuesday). Diners must be able to find discounts that are available during a specified time range based on location (postcode), cuisine, and (optionally) some keywords that match to eatery menu entries; where diners must be able to navigate to any eatery's profile from search results. Once a diner finds an available discount voucher: they must be able to book a voucher, (which reduces the available voucher count for that eatery & time-period by 1), and see the time range for which their booked voucher is available (each diner must not be able to book a discount voucher if there are none left, and can only book 1 voucher per eatery per voucher time-range). When a diner with a discount voucher orders their meal at the corresponding eatery within the voucher's time-range, they must be able to use their voucher by showing the eatery a code that represents the discount voucher; the eatery must then be able to use this code to identify what the % discount should be, to verify that the diner had indeed booked a discount voucher, and that this same discount voucher has not been previously used. Diners must be able to add reviews that include some text, and a rating out of 5, for each eatery that they have a discount voucher for; and any diner must be able to read such reviews along with the average rating for any eatery they are thinking of booking a discount voucher for. Each diner must be able to see recommendations showing all eateries that are currently offering discount vouchers, where the diner has not previously had a booking, and where the eatery is one that the diner might be interested in (you must incorporate information about the diner's past bookings, their review ratings for past bookings, reviews & ratings left by other diners, and you may also use any other variable you wish to use/introduce that can be helpful in providing such recommendations).

Some of the links you may find interesting relating to this project are shown below. Please note that project objectives always take priority.

<https://eatclub.com.au/>

<https://www.firsttable.com.au/sydney/>