

This application is designed to help a user view their options for different Disney World restaurants based on specific requirements that they choose. When the application is first opened, a user is given 8 options: Add restaurant to database, search by park, search by service type, export favorites, view favorites, close database connections, search by restaurant details, and exit. After they have selected their choice, they are prompted to either give input or they close out of the program. If they choose to add a new restaurant, they provide the restaurant name and if that one doesn't already exist, they can add in the additional details of that restaurant and then it is added to the database. If they choose to search by park, the user types in the name of the park they want to find a restaurant within (Magic Kingdom, Epcot, Hollywood Studios, Animal Kingdom, null), and then a list of restaurants within that specified park. If they choose to search by service type, they can either choose to search for quick services or restaurants that require reservations, and then based on their input, the restaurants that meet the requirements are listed. After these lists of restaurants are generated, the user has the option to save the restaurant to their favorites list. If they choose to save any, they can export their favorites to a file and save them. The fifth option allows the user to view their saved favorites. Next, they have the option to close the database connections. If they choose to search restaurant details, they put in the name of the restaurant they want the details for, and then a list with all of the information is returned to the user. Finally, they have the option to exit the application, which closes everything. This is designed to be user friendly and also give the user multiple different options that would actually be useful when planning a trip to disney.