

Innovation Report: Enhanced User Experience with Quick Favourites

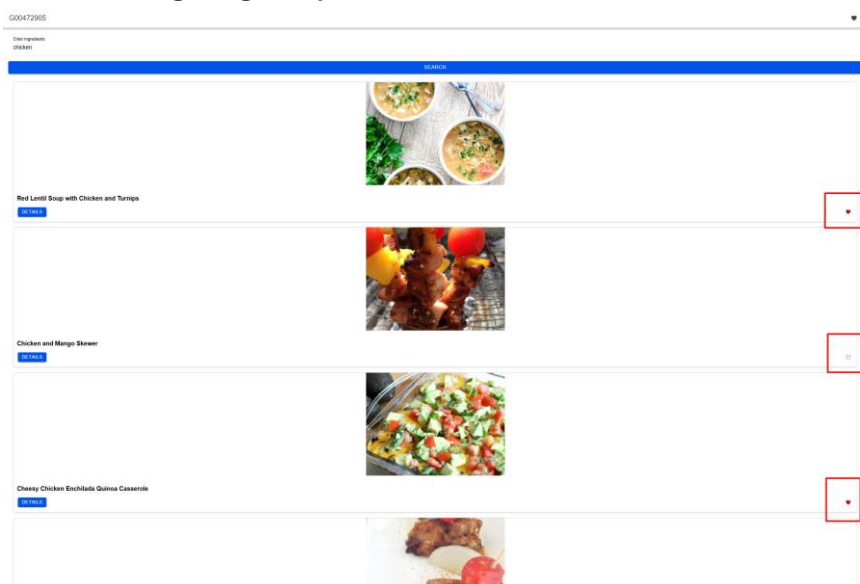
Student: Andrii Kaluhin (G00472905) **Module:** Mobile Applications Development

1. Introduction The project specification required the ability to add recipes to a favourites list. The standard implementation typically places this functionality solely on the "Recipe Details" page. However, I identified that this creates friction for the user, requiring multiple clicks (open details -> wait for load -> click favourite -> go back) just to save an item.

2. The Innovation I went beyond the core requirements by implementing a **"Quick Favourite" Toggle** directly on the Home Screen search results.

3. Implementation Details

- **UI Integration:** I added a dynamic heart icon to every card in the search list (home.page.html).
- **State Management:** The icon is reactive. It checks the local storage array (isFavourite(id)) to determine if it should be displayed as an outline (empty) or filled (red).
- **Logic:** Clicking the icon triggers the toggleFavourite() function immediately without navigating away from the search results.



4. User Benefit (UX) This feature significantly improves the speed of interaction. A user can search for "chicken" and instantly curate a list of 5-6 interesting recipes to cook later, without ever leaving the search view. This mimics the behavior of top-tier apps like Instagram or Spotify.