

SE 216 – SOFTWARE PROJECT MANAGEMENT

REQUIREMENTS DOCUMENT

PROJECT NAME: MallTrails

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REQ. #	FUNCTIONAL REQUIREMENTS
1	The app should provide a map of the each mall with the ability to search for location of each store .
2	The app should provide real-time turn-by-turn directions with alternative routes and adjustments for obstacles or closures.
3	Application should show updated information about the working hours of stores within each shopping mall.
4	The app should have a search panel so that users be able to search for stores and product categories within the mall .
5	The mall navigation app must track user preferences and generate personalized recommendations based on their favorite product categories.
6	The mall navigation app must notify users of new store openings and permanent closures within each shopping mall.
7	The mall navigation app must identify nearby shopping malls based on the user's location and make suggestions for mall options.
8	The app must provide retailers with users' popular brands and product categories data to customize their offerings and promotions.
REQ. #	NON-FUNCTIONAL REQUIREMENTS
1	Language: Application should be developed using java programming language .
2	Usability: The app should be user-friendly, accessible, and visually appealing.
3	Performance: The app should be fast, reliable, and able to handle a high volume of users with highest response time .
4	Security &SafetyThe app should be safe to use. Possible leaks of User information should be prevented.
5	Platform:Application should work on different platforms (ios&Android).
6	Efficient, Lightweight Mobile App: Memory-efficient app with small download size for easy installation on users' devices.