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**CS-5551: Advance Software Engineering**

**Project Proposal: DEAL-ME**

**Motivation:**

In general, travelling is a hobby for many people in this world. While travelling we are more likely to check out the new places around that area to plan our visit accordingly. It is always interesting to check on available deals of the places nearby which makes our visit more economical. While travelling people are more likely to use their smart phones for navigation as well as checking out the places for visiting purposes. Smart phones nowadays plays major role in travelling, acting like a guide for the routes and explore the places nearby. Using these features of smartphone, we tried to implement a new mobile application where we can explore our places of interest along with the available deals at those particular places with more ease.

**Objective:**

Our Aim is to design a mobile application in which we can explore all the places of our choice and deals available at a given location or city based on User GPS location. The application should be flexible enough to handle the smart cash through e-wallets and also save their places of future visit as wish list. The attempt of this project is to reduce the risk for the users and to make easier search for the right places at the right time. It gives information based on the details entered by the users. There are different kinds of clever services that provide users with up to the minute recommendations and tips. Whenever travelers make sudden plans they can visit to this website and enter the details they are looking for. This website also provides travel guide to the users. Users can also comment, read reviews and share their experiences by uploading pictures and videos.

**System Features:**

● User can pick their choice of places to explore nearby.

● The user can explore the places related to their interest at a given place and also at their current location.

● The user can find the available deals and coupons of the chosen places nearby their location.

● The user can save places for their future visit as a wish list.

● The user have the privilege of scanning the coupons which are readily available with him/her.

● The user can also navigate to the particular place of their choice from their current location.

**Bibliography and Related Work:**

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**http://www.8coupons.com/api/getapi**

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**Backup Project:**

We thought to implement a mobile application which traces the UMKC BUS Shuttle timings. These buses can be traced and tracked easily where students and faculty can see the directions and maps of the buses. This can also be extended to the Kansas City buses where all the bus routes can be embedded into a single application. The mobile application also includes other bus services in Kansas City like super shuttle for home pickups and so on. We can also track the exact location of the buses so that the users can get the best usage of buses.