**UMPSAxHuawei AppGallery Mobile Apps Competition 2024**

**Track A: Idea Pitching Presentation**

**Project Design Scheme**

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| **Basic Information** | |
| **University / College Name** | Sunway College Kuala Lumpur |
| **Team Name** | Born To Inspire |
| **Team member 1**  (Team leader) | Full Name: Chong Wen Hui  Phone Number: 011-23137816  Email: 23096183@imail.sunway.edu.my  Course / Year: Diploma in Information Technology Year 2 Sem 1 |
| **Team member 2** | Full Name: Esther Chan Lee Hsuen  Phone Number: 018-9187797  Email: 23033087@imail.sunway.edu.my  Course / Year: Diploma in Information Technology Year 2 Sem 1 |
| **Team member 3** | Full Name: -  Phone Number: -  Email: -  Course / Year: - |
| **Project Information** | |
| **Project Name** | Timeless Tribute |
| **Huawei Mobile Services Toolkit Technologies**  （Optional） | *（Machine Learning Kit，Account Kit，Map Kit，AR/VR Engine, Scene Kit, Health Kit, etc.）*  HMS Core – Location Kit and Push Kit |
| **Non-Huawei Technologies**  （Optional） | AI-based Recommendation |
| **Scenarios** | *(Healthcare, Education, Agriculture, Transportation, Environment/Energy, Retail, Finance, Manufacturing, Logistics, People's Livelihood/Public Sectors, etc.)*  Public Sectors and Healthcare |
| **Sustainable Development Goal (SDG)** | *Please briefly describe the relative SDG of the project*  **SDG 3 – Good Health and Well-Being**  This app helps alleviate feelings of guilt and grief for being unable to visit. Supporting mental health as they can fulfill cultural obligation without the stress of travel.  **SDG 11 - Sustainable Cities and Communities (Target 11.4)**  Preserve cultural traditions of paying respects and honor loved ones even when they can’t be physically present. Preserving these meaningful practices for future generations. |
| **Project Summary** *(Up to 500 words)* | *Please briefly describe the design ideas and schemes of the project, the technical platform used, and the problems it aims to resolve.*   1. Research implication 2. **Project background and significance**   Many people today are separated from their hometowns, making it difficult to visit the grave and honor deceased loved ones. Distance, work responsibilities, and limited travel often prevent participation in graveside rituals, where physical presence is traditionally required. Leaving many unable to fulfill traditional obligations.  "Timeless Tribute" satisfy the demand for remote graveyard maintenance services, allowing people to honor loved ones despite distance and time constraints.   1. **Problem Statement**   People who live far away have busy schedules, or other life commitments often can't visit their loved ones' graves. This can lead to feelings of guilt and a sense of being disconnected. This shows that there’s a need for a way for people to honor and remember their loved ones, especially with these challenges.   1. **Objective** 2. **To facilitate remote commemoration** by providing users with options to honour and maintain the gravesites of loved ones from distance. 3. **To preserve cultural traditions** by offering customizable services, such as scheduled offerings and prayers, that align with cultural practices during significant events and festivals. 4. **To provide peace of mind** for users as they can maintain and pay tribute although they cannot visit physically 5. **Project Scope**   "Timeless Tribute" is a mobile app that helps users honor and care for their loved ones' gravesites from a distance. The app will offer various services to support remote tributes, allowing people to stay connected to family traditions and providing reassurance through reliable service confirmation.   * + - * **User Authentication**: Secure login and registration.       * **Home Page**: Quick access to service cart, pending services, notifications, and promotional events. Display of service album.       * **Decedent Page**: View, add, and edit decedent profiles; manage services; access memory album.       * **Services Page**: Offer service categories (Maintenance, Decorations, Religious/Cultural, Promotions), service cart management, and real-time grave tracking.       * **User Profile**: Profile editing, security settings, service history, and logout options.  1. Design approach and scheme (Key points) 2. Design Ideas (Such as the system architecture and flow chart)   A screenshot of a computer screen  Description automatically generated   1. Solution feasibility (Such as the prototype diagram of the project)    * + 1. **Technical Feasibility** The "Timeless Tribute" app will use a client-server setup, with Huawei Mobile Services (HMS) to make it easy for users. We’ll use the Location Kit to view the location of cemetery and the Push Kit to send updates and notifications to user.        2. **Operational Feasibility** The app helps users honor loved ones even if they can't visit their graves. It has an easy-to-use interface for managing profiles and services. With well-designed interface, users can navigate the app comfortably and get help when they need it. 2. Key technologies used (must include 1 HMS)    * + **HMS core**    * Location Kit: User can view the grave location    * Push Kit: Get push notifications on any updates      + **AI-based Recommendation and Suggestion**  * Recommend services based on user’s past choices  1. SDG Alignment (min 1 SDG, max 5 SDG)    * + **SDG 3 – Good Health and Well-Being**      + **SDG 11 - Sustainable Cities and Communities (Target 11.4)** 2. Achievements and applications 3. Project Achievements    * + **Prototype Development**: We successfully created a prototype that lets users maintain graves remotely. It helps people honor their loved ones while also considering sustainable choices.      + **Integration of HMS Technologies**: We integrated HMS Location Kit and Push Kit to make the app user-friendly and efficient. These features improve the overall experience and satisfaction.      + **User-Friendly Interface**: The app has a simple and comfortable interface, along with helpful resources about sustainable practices in memorial services. 4. Application prospect    * + **Expansion Opportunities**: There’s a chance to expand the app by adding more cultural and religious services that focus on sustainability. This make the app more adaptable to more religious and races. Besides, integrate more AI features like AI grave monitoring enable user to receive instant notification when maintenance is needed      + **Partnerships**: We can collaborate with local cemeteries, service providers, to expand and promote sustainable services. |