**System** **Requirements**

The ANAP: Android applications were designed to fulfill the needs of job seekers and shop owners by providing secure and user-friendly Android applications and meeting the software requirements. The following lists the necessary specifications and the minimum required system.

**Table 1.** Minimum System Requirements for Software and Hardware

|  |  |
| --- | --- |
| System Requirements for Development Specifications | |
| **Operating System   CPU**  **Memory**  **Free space Graphics** | Android version 7.0 (Marshmallow), Android Version 7.0 (Nougat), Android Version 8.0 (Orero) MediaTek HelioG25, Snapdragon 450 2GB RAM, 4GB RAM  Minimum 2GB Adreno 612, Mali G-51 |

In **Table 1,** In order to operate the system as efficiently as possible and to run into fewer issues like slow reload speed and unresponsiveness, higher system specs are also strongly advised. These requirements are recommended. On any Android device that satisfies the system requirements, the system also needs an internet connection to function.

**Table 2.** Development Tools and Requirements

|  |  |
| --- | --- |
| System Requirements for Development Specifications | |
| **Text Editor/ IDE Front-End System**  **Back-end System** | Android Studio, Visual Studio Flutter, Dart, Figma Firebase, Google Api |

**Statistical** **Tool**

The researchers used statistical tool to interpret and analyze the data effectively. The statistical method used by the researcher to assess the data was the weighted mean. It was computed to find the respondents' level of intensity in their responses.

Description: A mathematical equation with black letters and red line

Description automatically generated

**Where:   
x =** Weighted Mean **w =** weight  **f=** frequency

**∑fw =** sum of the product of f and w **N =** Number of respondents  
 **Figure 3.** Weighted Mean Formula

The following values were on the five-point Likert scale that the researchers utilized   
5 (Excellent), 4 (Very Good), 3 (Good), 2 (Fair), and 1 (Poor).   
The weighted mean of the responses of the respondents was the interpreted based on the description of the weights as shown in table 3.

**Table 3**. The Linkert Scale

|  |  |  |
| --- | --- | --- |
| **Scale** | **Degree of Value** | **Interpretations** |
| 5  4  3  2  1 | 4.21 – 5.00  3.41 – 4.20  2.61 – 3.40  1.81 – 2.60  1:00 – 1.80 | Excellent  Very Good  Good  Fair  Poor |

**Table 3.** To evaluate the system utilizing the Likert-scale technique, the researchers will ask the respondents for permission to use our program. Using the provided Likert scale, this approach will allow the respondents to provide comments on their experience with the application. The scale allowed the researchers to gather important information about respondents' opinions and levels of satisfaction with the systems under study. With the use of the scale, the researchers were able to gather important information about respondents' opinions and levels of satisfaction with the systems under study.

**Table 3.** Evaluation Instrument using ISO 25010 Standard in terms of Functional Suitability and Usability.

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| **Indicators** | **5** | **4** | **3** | **2** | **1** |
| 1. **Functional Suitability**   Functional Completeness  Functional Correctness  Functional Appropriateness   1. **Usability**   Appropriateness Recognizability  Learnability  Operability  User Interface Characteristics  Accessibility |  |  |  |  |  |

**Table 4.** Defines the standards by which the functional suitability and usability of the system will be assessed in compliance with ISO 25010 quality standard. By applying the ISO 25010 standard, the evaluation tool offered a comprehensive understanding of the system's functionality, capacity to satisfy user needs, and usability from the standpoint of end users in assessing functional the suitability and usability. The results of the assessment tool assisted in pinpointing areas in need of improvement and offered suggestions for enhancing the usability and functional appropriateness of the system.