

CUSTOMISED POWER EFFICIENT ANDROID ROM

REQUIREMENTS ANALYSIS

Prepared By

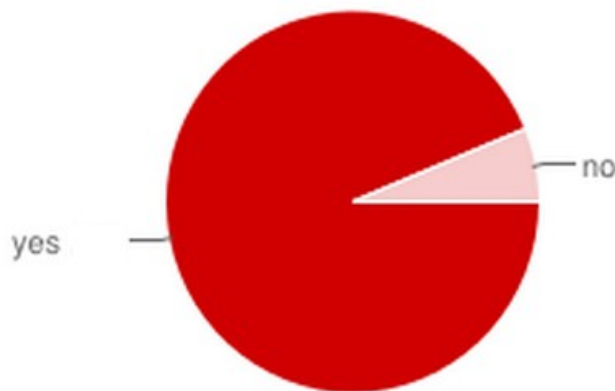
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Summary of Requirement Analysis

From the information collected from the survey conducted as part of the **Requirement Analysis**, the following trend has been analysed.

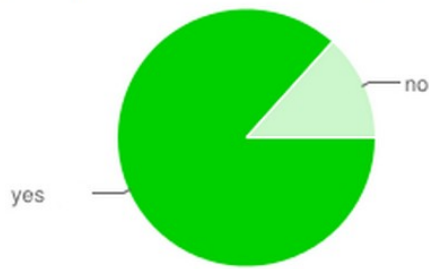
.Do you wish your device would last longer on each charge cycle?



The survey results show the following observations

- Clearly, more than 90% of the users have showed a dissatisfaction towards the battery drain of their device.
- Only about 10% of the users have said they are satisfied about the battery drain shown by their device.

Would you opt for a custom android system over your stock system if it provides more features and utilities?



When posed with the question whether the users would be willing to opt an custom android system in order to acquire more features, around 75% of the users indicated an interest in acquiring maximum utility of their device.

Requirements intially proposed

- built in document reader
- overclockability
- ability to change fonts
- increased power efficiency/better battery drain
- application installation on SD card

Review of Requirements Proposed

Validating the requirements according to the users' choice is an important step in software development. An analysis of the requirements of the users was done and validated using a survey. Most common problems pointed out are listed

- Increased power efficiency/better battery drain
- Application installation on SD card

Requirement Validation Summary

The requirements and problems analysed are validated by the information gathered from the survey. The most common problems were found and recorded. A **Checklist-based** review technique is adapted for future review and validation of user requirements.