



**SEMESTER 2 2023/2024**

**FAKULTI TEKNOLOGI MAKLUMAT DAN KOMUNIKASI**

**SOFTWARE REQUIREMENT AND DESIGN**  
**(BITP 2223)**

**TITLE:**

**APPLICATION: FALOU – FAST LANGUAGE LEARNING**

**PREPARED BY:**

<b>N O</b>	<b>NAME</b>	<b>MATRIC</b>
1	NUR SALIHAH HUSNA BINTI ABDUL RAHIM	B032220018
2	NUR AQILAH HUMAIRA' BINTI IMRAN	B032220016
3	SITI NAJWA BINTI SKH SAAD	B032220025

**LECTURER:**

**DR EMALIANA**



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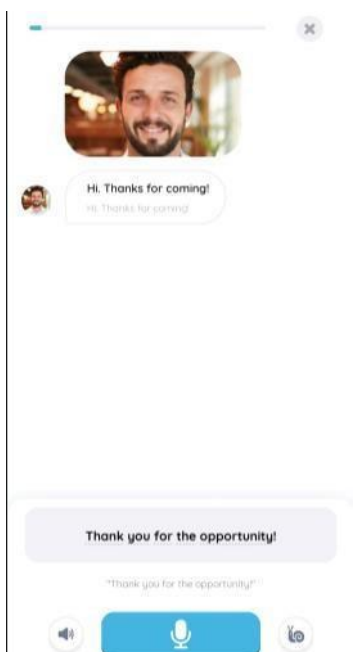

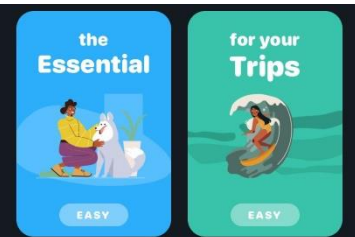
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## **1.0 INTRODUCTION**

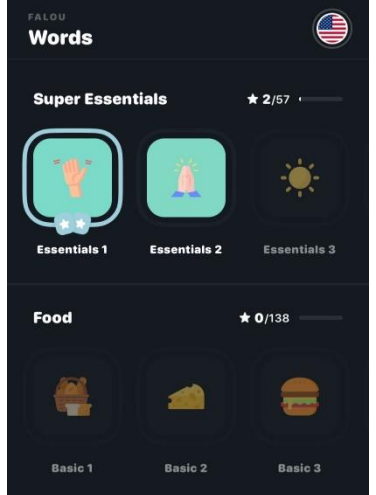
Falou is an application that provides different languages to improve speaking skills using artificial intelligence. This app focuses heavily on speaking practice. With Falou, users can learn to speak up to 25 languages by practicing with native speakers from all around the world. This is the best language learning app for working on real-life conversation skills. Languages can be learned at one's own pace with this fun app. The content offered is engaging and accessible and is designed to build confidence and fluency when speaking. Falou can be used in conjunction with other language apps for an optimized experience. Other apps will build reading and writing skills while completing lessons on Falou is great for supplementing speaking and listening skills. Learning languages can be expensive, and this can prevent people from being able to access the resources they need to learn. While Falou does offer perks for paying subscribers, it also functions as a free language learning app by offering all main classes to learners at no cost.

## 2.0 FUNCTIONAL REQUIREMENTS

No	Requirements	Example
1.	Offer a variety of languages for selection. The languages are English, French, Italian, Spanish, Japanese, Chinese, Korean, and German.	
2.	The application includes modules designed for learning vocabulary with feature audio pronunciation in which each vocabulary word is accompanied by an audio recording that demonstrates the correct pronunciation and images in which visual aids are provided for each vocabulary word to help learners associate words with their meanings.	

3.	<p>Provide a variety of exercises specifically designed to enhance users' listening comprehension skills. These exercises include audio clips and dialogues featuring native speakers. The content covers diverse topics and difficulty levels to cater to different learning stages and ensure effective practice.</p>	
4.	<p>The application provides speaking practice exercises, enabling users to record their speech and receive feedback on their performance.</p>	
5.	<p>The application includes reading comprehension exercises with texts of varying difficulty levels.</p>	

		
6.	The application provides writing and speaking practice exercises with prompts to guide users on what to write and tools to help correct their writing.	
7.	The application allows the user to track their daily progress across different modules and activities. User can track their words and sentence spoken.	

8.	<p>The application offers users a comprehensive overview of their language learning journey by presenting detailed data on their progress.</p>	
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### 3.0 Non-Functional Requirements

Requirement	Description
Performance requirement	The app has a fast response time with minimal loading times for content and features for every user.
Usability requirement	The app has an intuitive user interface that is easy to navigate and use by all types of users.
Privacy requirements	The app implements a proper authentication authorization mechanism to ensure that only authorized users can access sensitive features and data.
Portability requirements	The app can run on multiple operating systems like Android and iOS. The app ensures compatibility with multiple devices and platforms, including web browsers, smartphones, and tablets
Localization requirement	The app supports multiple languages and adapts content and features based on the language set by the user.
Reliability requirement	The app has high availability with minimal downtime for maintenance or upgrades