

ABSTRACT

Harmanto, Margaretha Dharmayanti. 2016. “SPINE” (Speak English for Professional Nurses) Android Application to Learn Speaking English for Nursing Students. Yogyakarta: The Graduate Program in English Language Studies, Sanata Dharma University.

Speaking skill is one of the main focuses that nursing students need to gain in learning English because they need it to communicate with patients during intervention. Nowadays, mobile devices are also used as a medium of learning known as Mobile Assisted Language Learning (MALL) to promote learning anywhere, any time. This study aims to develop an Android application which is intended to help the nursing students to learn speaking English. There are two research questions in this study, the first is what the Android application to help the nursing students to learn speaking English looks like and the second research question is how the Android application is acceptable to the users.

This study used Research and Development (R&D) method proposed by Borg and Gall (1983) which was combined with the Hybrid instructional model developed by Passerini and Granger (2000). There were five stages in the Hybrid model namely analysis, design, development, evaluation and delivery. The data gathered were in forms of quantitative and qualitative data. The instruments used to obtain the data were classroom observation, questionnaires and interviews. The quantitative data was obtained from the questionnaires, while the qualitative data was from the result of open-ended questions in the questionnaire, interviews and classroom observation. Those instruments were used to answer the research questions. The research setting was STIKES Wira Husada Yogyakarta and the participants were the nursing students batch 2014.

The result of the study is an iconic model of Android application named SPINE which stands for Speak English for Professional Nurses. There are five topics in the application, which were chosen based on the syllabus. Each topic consists of five sub-topics namely pronunciation, listen and repeat, language focus, conversation and quiz. The second research question was answered based on the result of questionnaire in the implementation stage which measured the users' perception about navigation pane, screen design, information presentation, media integration, and overall functionality of the application. The result shows that navigation pane is acceptable, the screen design is acceptable, the information presentation is acceptable, the media integration is acceptable, and the overall functionality is acceptable. Based on the total mean score, the application is also efficient and acceptable for the users (4.1) out of the maximal score (5.00).

In conclusion, SPINE application is also efficient and acceptable for the users in terms of its navigation pane, screen design information presentation, media integration, and overall functionality.

Keywords: speaking skill, MALL, Android application, acceptable

ABSTRAK

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Ketrampilan berbicara merupakan salah satu fokus utama pembelajaran Bahasa Inggris bagi mahasiswa keperawatan karena ketrampilan tersebut diperlukan oleh mereka untuk berkomunikasi dengan pasien ketika sedang melaksanakan tugas keperawatan. Saat ini, *handphone* juga dipergunakan sebagai media pembelajaran yang dikenal dengan sebutan *Mobile Assisted Language Learning (MALL)* untuk menunjang proses pembelajaran di mana saja, kapan saja. Penelitian ini bertujuan untuk mengembangkan aplikasi Android yang dapat membantu mahasiswa keperawatan untuk belajar berbicara dalam Bahasa Inggris. Terdapat dua pokok permasalahan dalam penelitian ini, yang pertama, seperti apakah aplikasi Android untuk membantu mahasiswa keperawatan belajar berbicara Bahasa Inggris, dan kedua tentang bagaimana aplikasi Android ini dapat diterima oleh pengguna untuk membantu mereka belajar berbicara Bahasa Inggris.

Penelitian ini menggunakan metode *Research and Development* oleh Borg dan Gall (1983), yang dikombinasi dengan model pembelajaran Hybrid oleh Passerini and Granger (2000). Ada lima tahapan dalam Hybrid model ini, yaitu analisis, desain, pembuatan, evaluasi dan implementasi. Data yang digunakan dalam penelitian ini adalah data kuantitatif dan kualitatif. Instrumen yang digunakan untuk menghimpun data adalah observasi, kuesioner, dan wawancara. Data kuantitatif berupa kuesioner dan data kualitatif berupa observasi kelas dan wawancara. Data tersebut digunakan untuk menjawab permasalahan pada penelitian ini. Tempat penelitian adalah STIKES Wira Husada Yogyakarta dan partisipan penelitian adalah mahasiswa keperawatan angkatan 2014.

Nama dari aplikasi ini adalah SPINE yang merupakan singkatan dari *Speak English for Professional Nurses*. Ada lima topik dalam aplikasi ini yang dipilih berdasarkan silabus. Dalam tiap unit terdapat lima sub-topik yaitu *pronunciation, listen and repeat, language focus, conversation* dan *quiz*. Pertanyaan kedua dijawab berdasarkan hasil kuesioner pada tahap implementasi yang mengukur persepsi pengguna tentang panel navigasi, desain layar, presentasi informasi, integrasi media dan fungsi keseluruhan aplikasi tersebut. Hasil kuesioner menunjukkan keberketerimaan aplikasi tersebut pada: panel navigasi, desain layar, presentasi informasi, integrasi media, dan fungsi keseluruhan. Total rerata menunjukkan aplikasi tersebut dapat diterima oleh pengguna (4.1) dari skor maksimal (5.00).

Kesimpulannya, aplikasi SPINE efisien and dapat diterima oleh pengguna dari segi panel navigasi, desain layar, presentasi informasi, integrasi media dan fungsi keseluruhan.

Kata kunci: ketrampilan berbicara, MALL, aplikasi Android, dapat diterima