**Title:** Create storyboards to illustrate the problems users faced

**Objective(s):**

In this lab, students will learn to

* identify primary user
* list problems user(s) faced and
* illustrate them in storyboards

**Tools, Equipment and Materials:**

1. [Hardware: Personal Computer with Internet access]
2. [Drawing Software: Photoshop]

**Instructions:**

1. In this lab, we are designing a language learning app which allows the user to expand their vocabulary in a given language by showing them a word (or multiple words) every day until they have the word memorised.
2. Identify at least one primary user.
3. List down problems faced by the primary user without the app.

Here are some examples:

* 1. He may need to travel to a school to learn
  2. The fee to learn a language is expensive
  3. He has to follow a fixed pace set by the school
  4. If he misses lesson, it will be hard to catch up

1. Choose **one** of the problems the primary user faces and develop it into a user story, break down the story into a sequence of moments. You may consider answering the following questions in the story. (Refer to slide 13 of chapter 5 notes)
   1. What’s the problem? (Exposition)
   2. What really sucks about it? (Rising action)
   3. What’s the solution? (Climax)
   4. How does it work? (Falling action)
   5. What’s the resolution? (Conclusion)
2. Illustrate the story into a detail storyboard with at least 6 panels using the given template. You may illustrate each moment into at least one panel. (Refer to slide 12 and slide 17 of chapter 5 notes)

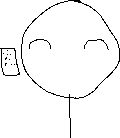
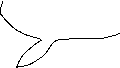
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**Table

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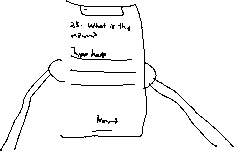
After using the learning app, A User now able to speak English successfully. He also communicate with his friends, teachers and parents very well.



After using the app

A learning app helps A User to learn and understand English. The app also featured a voice assistant to help him pronounce English characters.

The app that help A User to learn English



His friend come up with his solution to help A User to learn English with his smartphone.

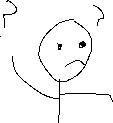
The user’s solution



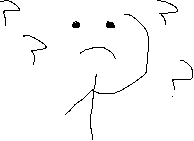
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He always raises up his hand but his strict English teacher always ignore him.



The user’s problems & difficulties 2



He forgot everything during the English tuition class, his parents need to pay expensive tuition fees.



The User’s problems & difficulties 1

A user doesn’t know how to speak English even in real-world situations.

The User