

# We Learn

## A Platform for Developing Learning App

This platform is built to nullify the hardship of coding. This will enable any person that wish to build a teaching tool, to build it his own way. Not only that, but it has a networking option that will let any developer to build and sell apps, and provide updates.

This platform has an editing tool that will enable building the app and a reading tool that will let the reader to read without editing option.

This platform gives the app to build and design-

1. A main page
2. A page for chapter list
3. Page for each chapter
4. A page for quiz list
5. Page for each quiz
6. A settings page

Main page:

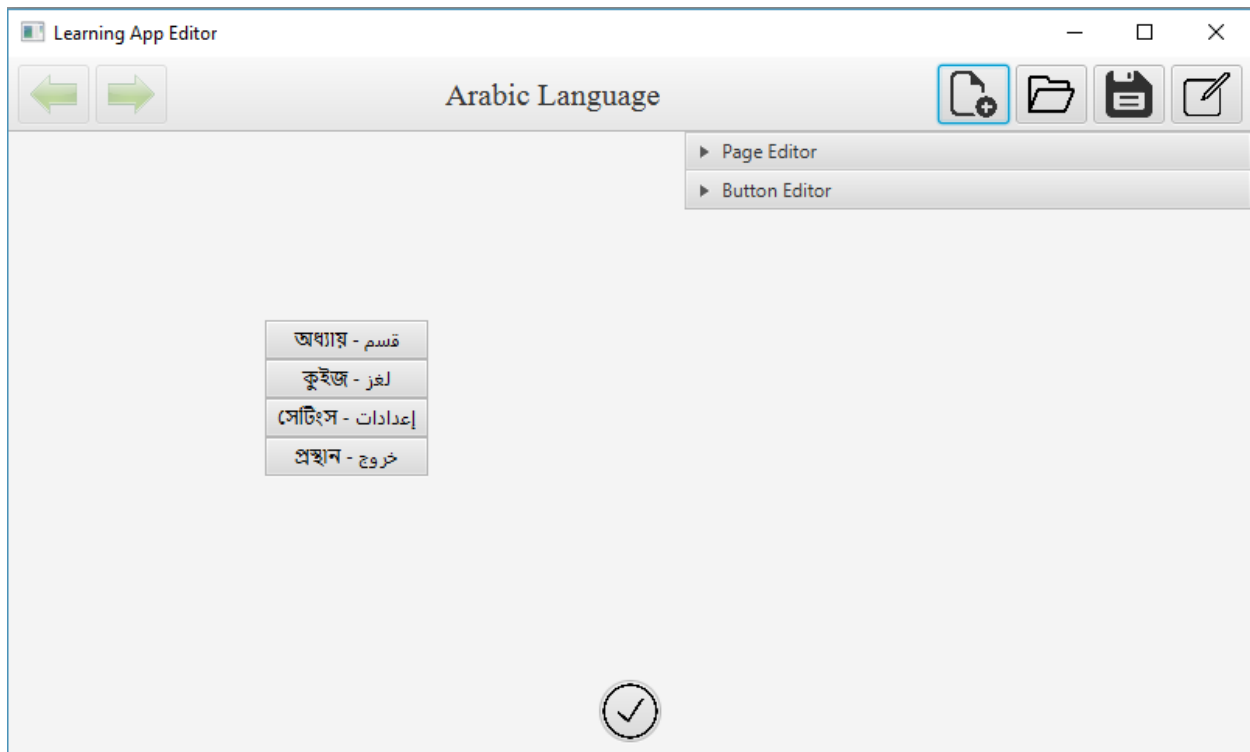


Fig. Main page in Editor

Main page consists of five buttons. The text of each can be changed.

In Editing mode: Single click on each opens its editor (Button Editor) on the right. Double click takes to the content of the first two.

In Reading mode: Single click takes to the content.

These fires these actions-

- Chapter: Takes to chapter list page.
- Quiz: Takes to list page.
- Settings: Contains server information and update option.
- Exit: Exits the app.

The editing tools are on the right side. (In reading mode, they do not exist)

- Page Editor:

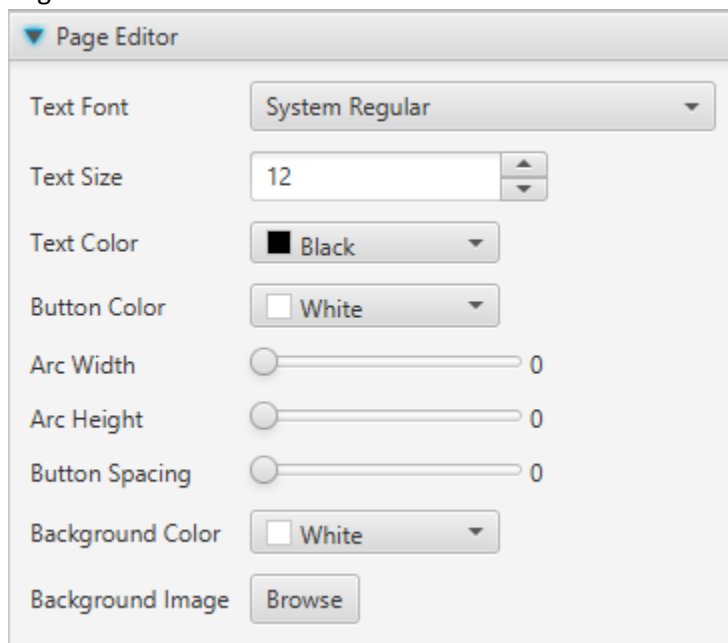


Fig. Page Editor in main page.

This lets the user to set given option to edit. The changes made here works the content of only to the page it is in.

- Button Editor:

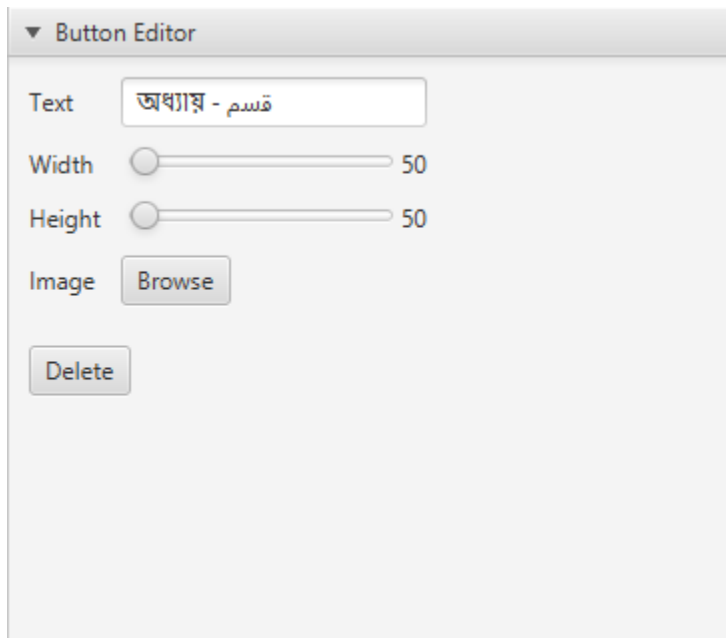


Fig. Button Editor in main page.

It lets to change properties of individual buttons.

## Chapter List Page:

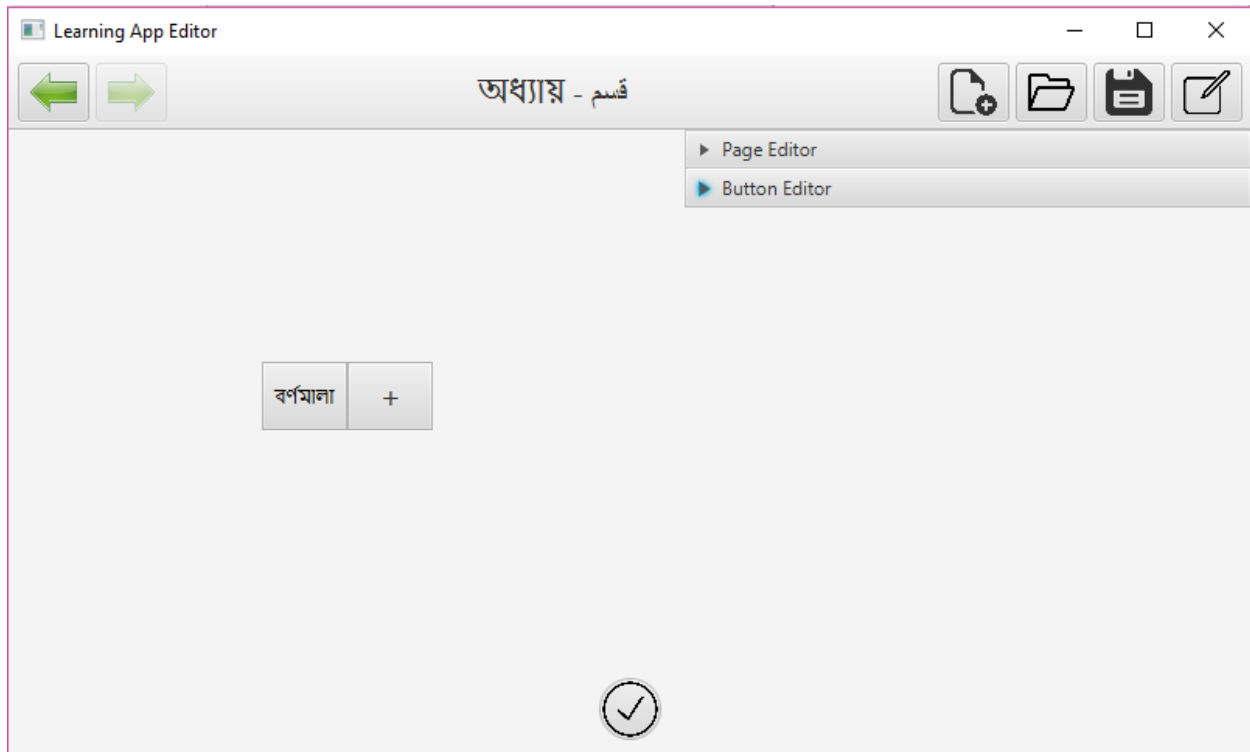


Fig. Chapter List Page.

This page contains the list of the chapters. The “+” button lets the user build new chapter.

In Editing mode: Double click on buttons for chapters take to the page of respective chapters.

In Reading mode: Single click on buttons for chapters take to the page of respective chapters.

- Page Editor:

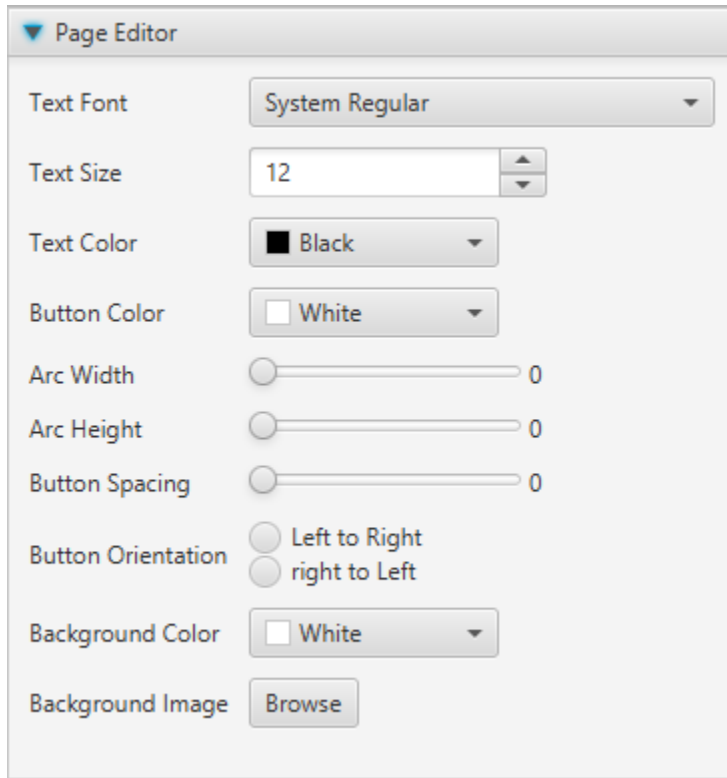
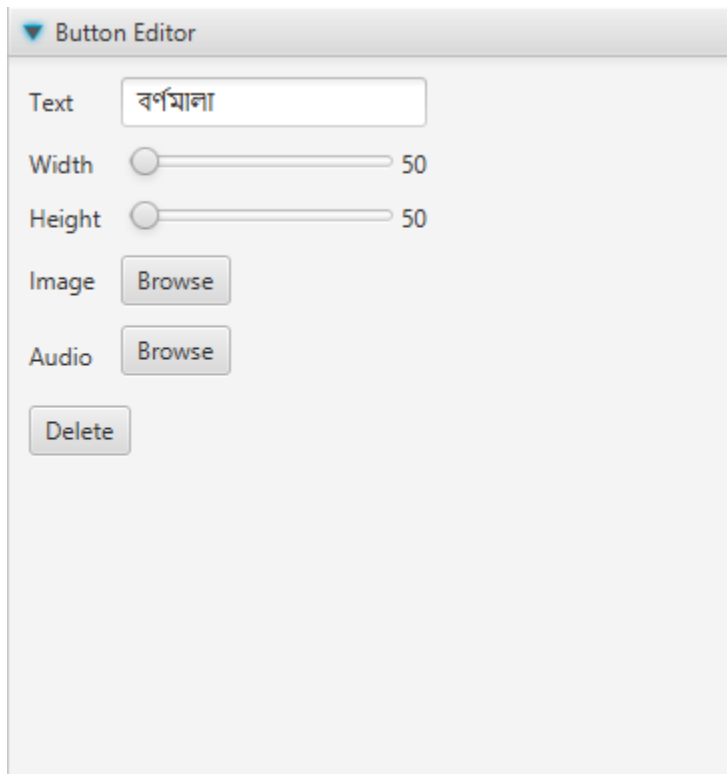
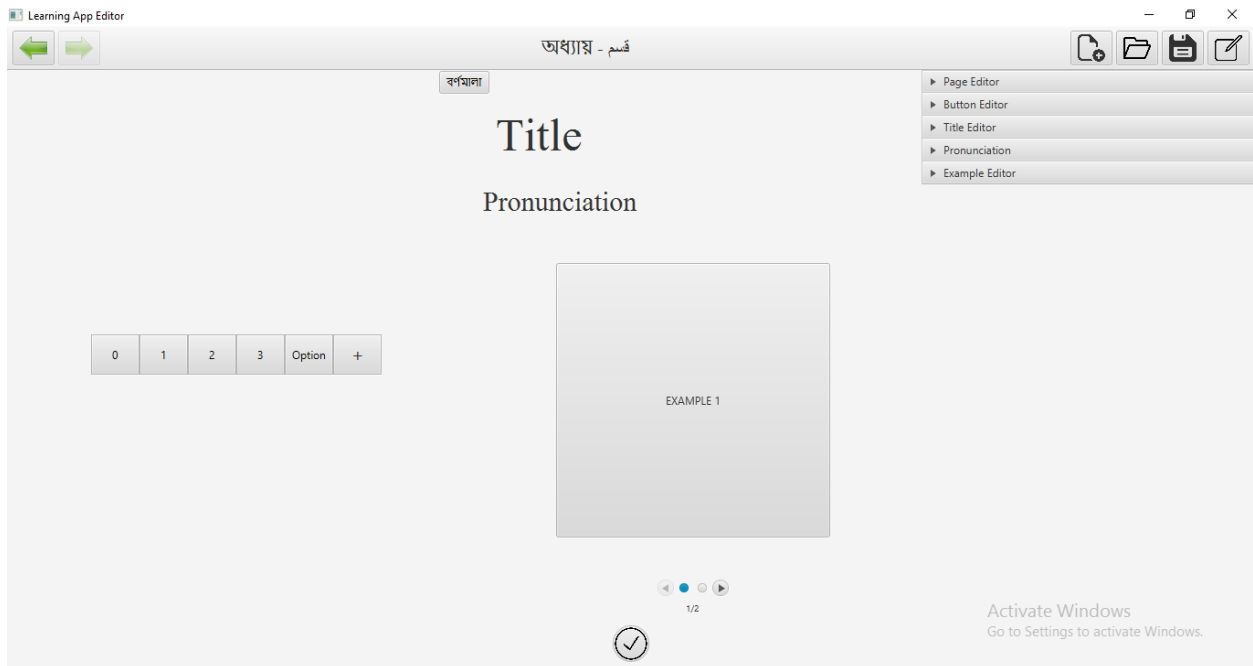


Fig. Page Editor in chapter list page.

- Button Editor:

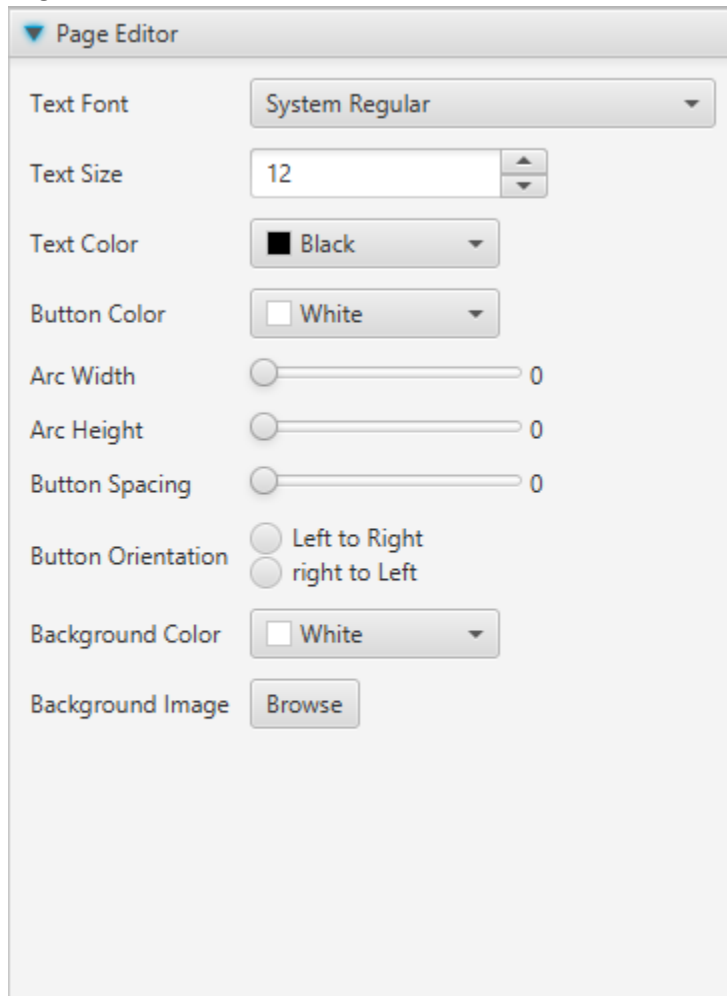


## Chapter Page:



This page contains all the buttons for voice action in the left. In the middle there are three contents for each button. All these contains information of that thing in that button.

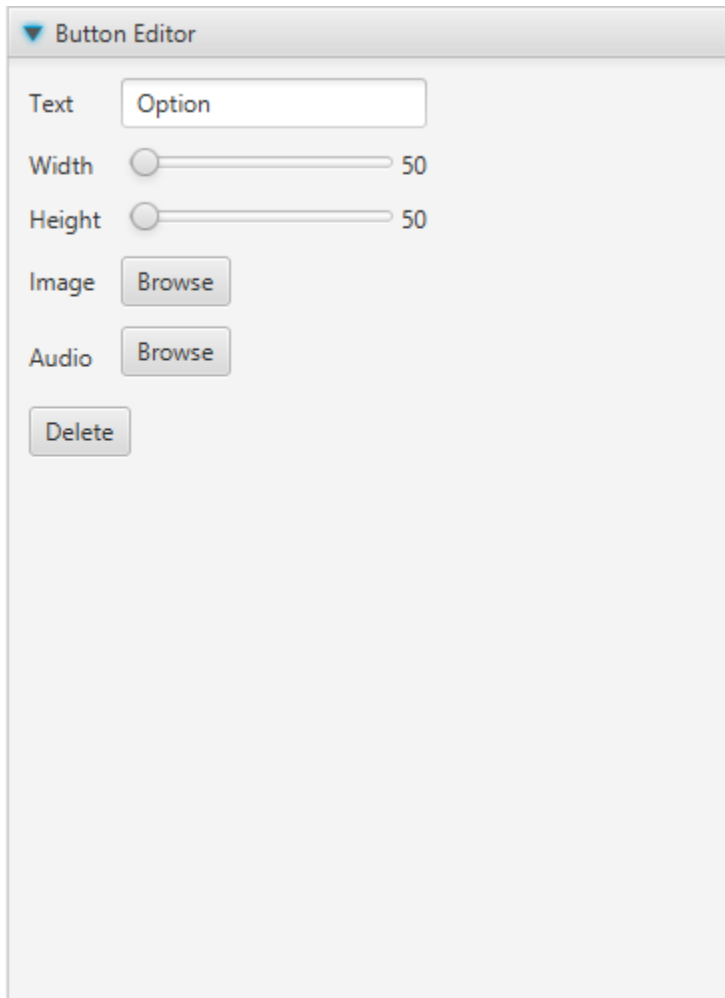
- Page Editor:



The screenshot shows a 'Page Editor' window with various settings for text and button appearance. The settings are as follows:

Setting	Value
Text Font	System Regular
Text Size	12
Text Color	Black
Button Color	White
Arc Width	0
Arc Height	0
Button Spacing	0
Button Orientation	Left to Right
Background Color	White
Background Image	Browse

- Button Editor:



The image shows a 'Button Editor' dialog box with a title bar containing a blue triangle icon and the text 'Button Editor'. The dialog has a light gray background. It contains several controls: a 'Text' label followed by a text input field containing the word 'Option'; a 'Width' label followed by a slider control set to 50; a 'Height' label followed by a slider control set to 50; an 'Image' label followed by a 'Browse' button; an 'Audio' label followed by a 'Browse' button; and a 'Delete' button at the bottom left.

▼ Button Editor

Text

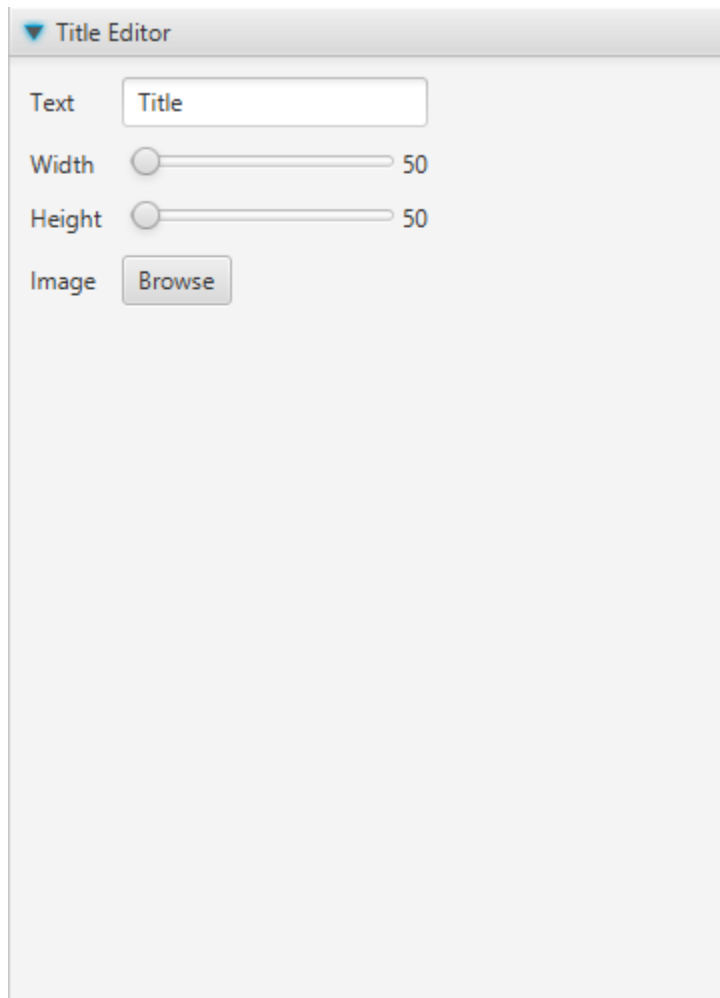
Width

Height

Image

Audio

- Title Editor:



The image shows a 'Title Editor' dialog box with a title bar containing a blue triangle icon and the text 'Title Editor'. The dialog contains four controls: a 'Text' label next to a text input field containing 'Title'; a 'Width' label next to a slider control set to 50; a 'Height' label next to a slider control set to 50; and an 'Image' label next to a 'Browse' button.

▼ Title Editor

Text

Width

Height

Image



- Pronunciation Editor:

▼ Pronunciation

Text

Width

50

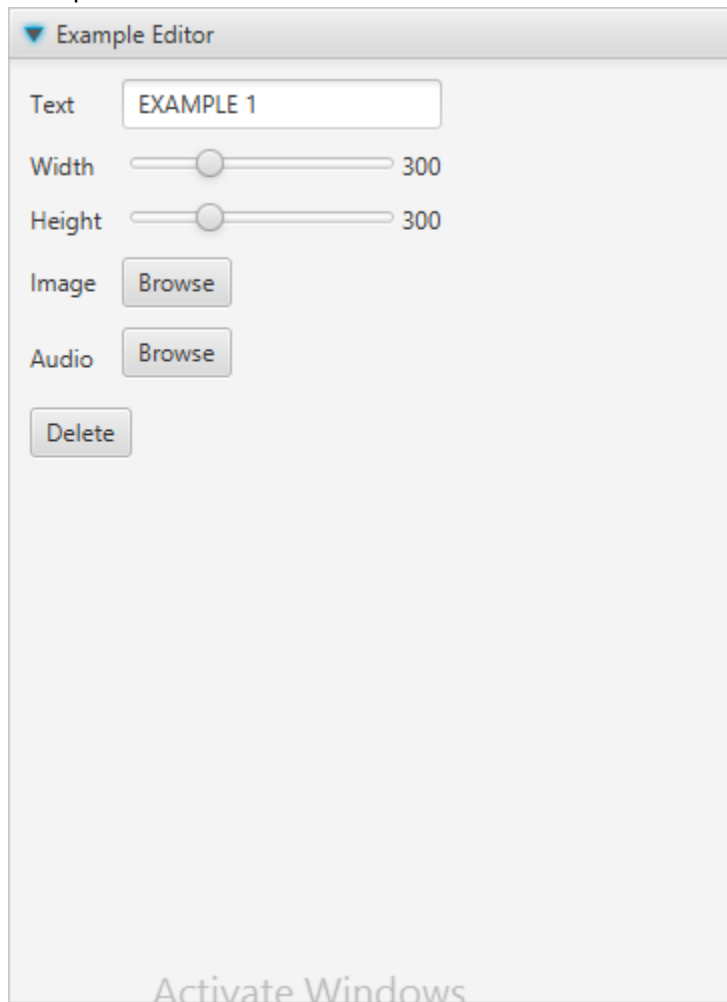
Height

50

Image

Browse

- Example Editor:



The image shows a software window titled "Example Editor". Inside the window, there are several controls:

- A "Text" label followed by a text input field containing the text "EXAMPLE 1".
- A "Width" label followed by a horizontal slider control. The slider is positioned at the right end, and the number "300" is displayed to its right.
- A "Height" label followed by a horizontal slider control. The slider is positioned at the right end, and the number "300" is displayed to its right.
- An "Image" label followed by a "Browse" button.
- An "Audio" label followed by a "Browse" button.
- A "Delete" button located below the "Audio" section.

At the bottom of the window, there is a faint watermark that reads "Activate Windows".

## Quiz List Page:

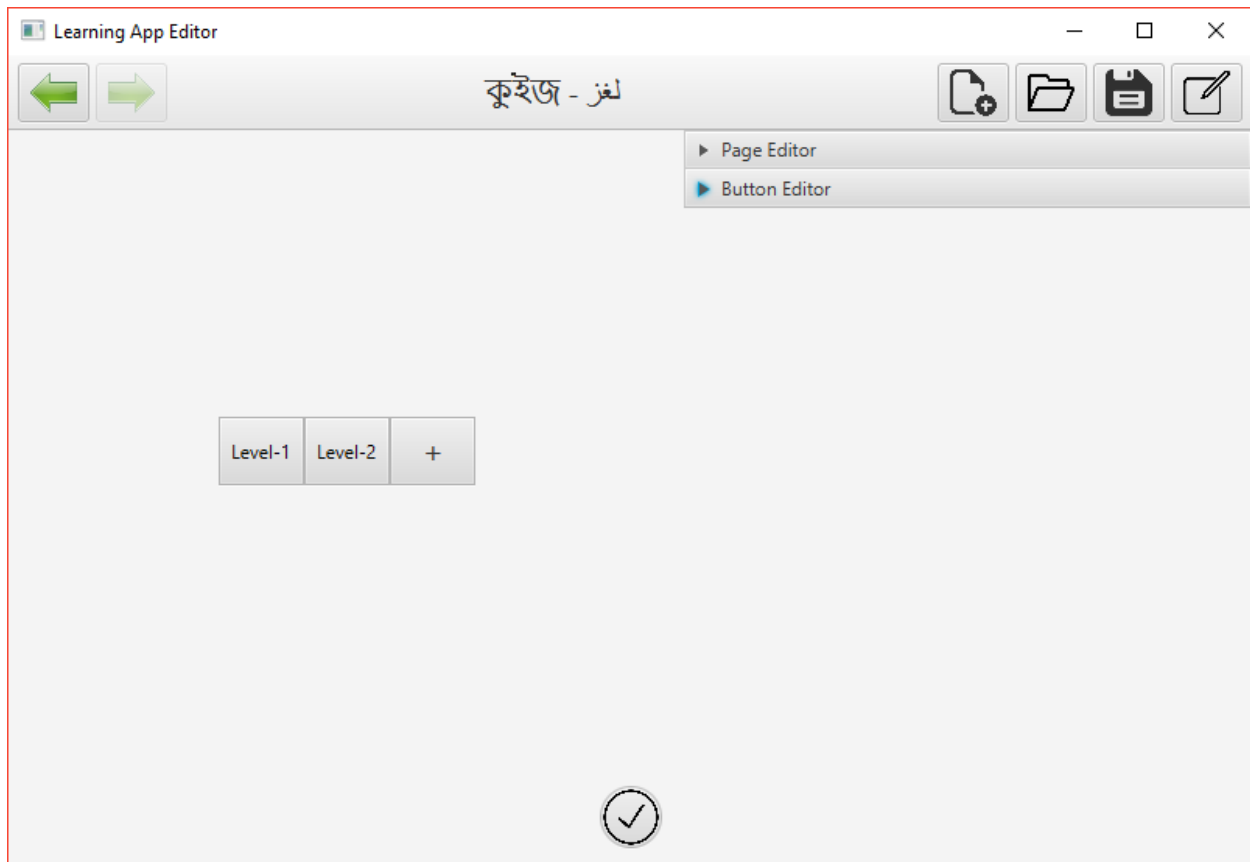


Fig. Quiz List page

This page contains list of quizzes. The editing tools on the right are just the same as Chapter List Page.

## Quiz Page:



Fig. Quiz Page.

This page deals with quiz.

In Editing mode: This page sets questions.

In Reading mode: This page sets gives the quiz to answer.

- Page Editor: Same as Chapter Page.
- Button Editor: Editor for the controller. Same as Chapter Page.
- Question Editor: Editor for the question that will be on the screen for the player. Same as Button Editor.

## Settings:

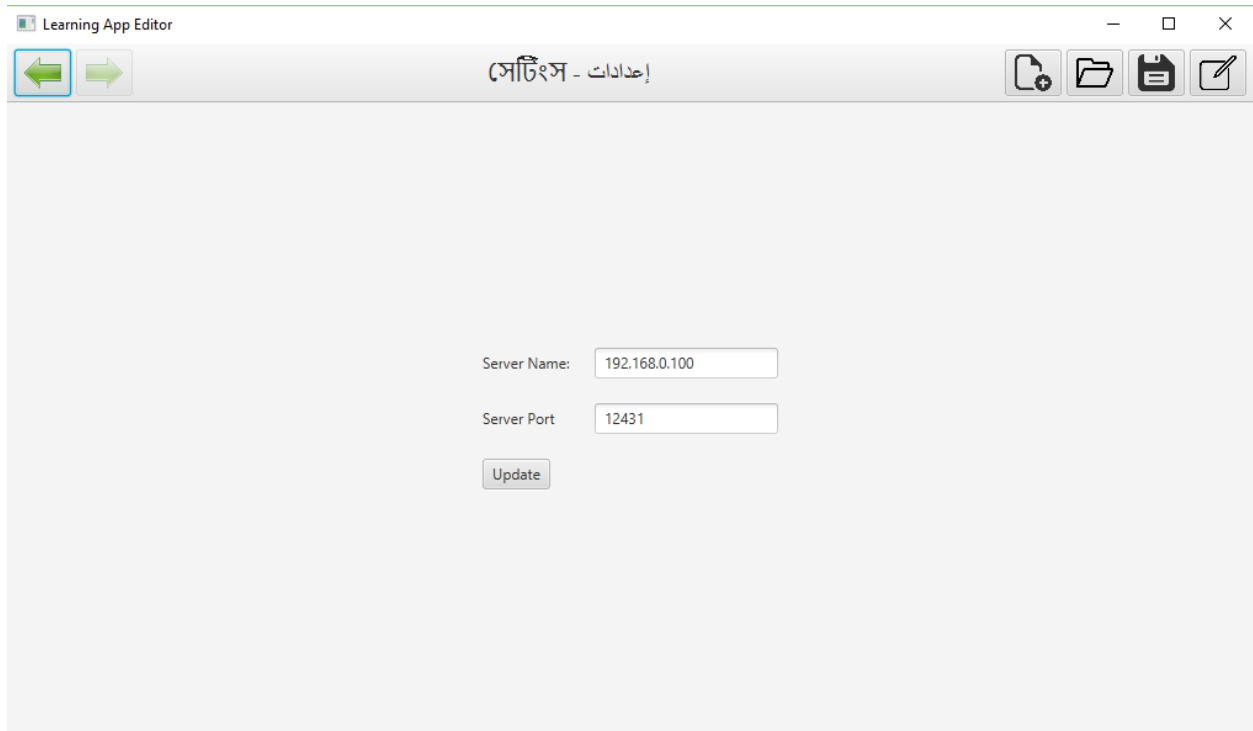


Fig. Settings Page.

This works in ineditable mode. It updates the content.

## Networking:

Server needs a port as input by the user or as commandline argument.

Client needs to press the update button in the settings option, or run the Client class given and input the ip of the server, port of the server, name of the file to update, path to find the file.