# zplayer (v3)


## Modified Use Case Descriptions

The following use case descriptions have changed since the previous version.

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|---|---|
| *Use Case:* | **Stop zplayer** |
| *Preconditions:* | The zplayer is on ***or*** the zplayer is loading ***or*** the zplayer is ready ***or*** the zplayer is playing ***or*** the zplayer is paused |
| *Basic Flow:* | 1. The user presses the b key (for “bye”) |
| *Postconditions:* | The zplayer is off |

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|---|---|
| *Use Case:* | **Load a bookz** |
| *Preconditions:* | The zplayer is on ***or*** the zplayer is ready ***or*** the zplayer is playing |
| *Basic Flow:* | 1. The user presses the l key (i.e., the lowercase L key; for “load”)<br>2. The system prompts the user with “Selection: “<br>3. The user presses the 0 ***or*** 1 ***or*** … ***or*** 9 key<br>4. The system checks if the selected bookz exists |
| *Exceptional Flow a:* | 3a. The user presses the b key (for “bye”)<br>4a. Go to the use case description for **Stop zplayer** |
| *Postconditions:*<br>if the bookz exists: | The zplayer is ready<br>The user is prompted with “Button: ” |
| else: | The system informs the user that the bookz doesn’t exist<br>The user is prompted with “Selection: “ |

## Additional Use Case Descriptions

The following use case descriptions have been added since the previous version.

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|---|---|
| *Use Case:* | **Pause zplayer** |
| *Preconditions:* | The zplayer is playing |
| *Basic Flow:* | 1. The user presses the p key (for “pause”) |
| *Postconditions:* | The zplayer is paused |

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|---|---|
| *Use Case:* | **Unpause zplayer** |
| *Preconditions:* | The zplayer is paused |
| *Basic Flow:* | 1. The user presses the g key (for “go”) |
| *Postconditions:* | The zplayer is playing (continuing from the point at which it was paused) |

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|---|---|
| *Use Case:* | **Slow down zplayer** |
| *Preconditions:* | The zplayer is playing and the delay between lines is $d$ milliseconds |
| *Basic Flow:* | 1. The user presses the - key |
| *Postconditions:* | The zplayer is playing and the delay between lines is $d+250$ milliseconds |

| | |
|---|---|
| *Use Case:* | **Speed up zplayer** |
| *Preconditions:* | The zplayer is playing and the delay between lines is $d$ milliseconds |
| *Basic Flow:* | 1. The user presses the + key |
| *Postconditions:* | The zplayer is playing and the delay between lines is $d-250$ milliseconds or $0$ milliseconds (whichever is larger) |