# Contents

# 1 Requirements

## 1.1 Software Requirements

| Web Browsers | |
| --- | --- |
| Description | Be viewable on most web browsers including mobile web browsers. |
| Notes | • None. |

## 1.2 Application Requirements

| Show Fingering/Note Combinations | |
| --- | --- |
| Description | Show a fingering combination for a note or a series of notes. |
| Notes | • None. |

| Enter Fingering/Note Combinations | |
| --- | --- |
| Description | Ability to new fingering/note combinations. |
| Notes | • None. |

| Edit Fingering/Note Combinations | |
| --- | --- |
| Description | Ability to edit existing fingering/note combinations. |
| Notes | • None. |

| Remove Fingering/Note Combinations | |
| --- | --- |
| Description | Ability to remove existing fingering/note combinations. |
| Notes | • None. |

## 1.3 User Requirements

| Fingering Request for Notes | |
| --- | --- |
| Description | Ability to select a series of up to three fingerings and request a fingering progression for those notes. |
| Notes | <ul><li>Can request alternate fingerings.</li><li>Can view example music for the fingerings.</li><li>Can sort fingerings by hole coverage or expertise level.</li><li>Can "Like" or "Dislike" the given fingerings. (Requires Login)</li><li>Can submit a new fingering for the chosen note progression. (Requires Login)<ul><li>– Can attach example music to the new fingering. (Requires Login)</li><li>– Can set the expertise level of the new fingering. (Requires Login)</li></ul></li></ul> |

## 1.4 Administrative User Requirements

| Add New Fingering | |
| --- | --- |
| Description | Ability to add a new fingering for a given set of notes. (Requires Login) |
| Notes | <ul><li>None</li></ul> |

| Remove Existing Fingering | |
| --- | --- |
| Description | Ability to remove a new fingering from the database. (Requires Login) |
| Notes | <ul><li>None</li></ul> |

| Update Fingering | |
| --- | --- |
| Description | Ability to update and existing fingering in the database. (Requires Login) |
| Notes | <ul><li>None.</li></ul> |

| Approve User Added Fingering | |
|---|---|
| **Description** | Approve a fingering added by a user for use in the database. (Requires Login) |
| **Notes** | • None. |

| Deny User Added Fingering | |
|---|---|
| **Description** | Deny a fingering added by a user. (Requires Login) |
| **Notes** | • None. |

| Freeze User Like/Dislike Options | |
|---|---|
| **Description** | Ability to prevent users from Like/Disliking specific fingerings or all fingerings. (Requires Login) |
| **Notes** | • None. |

| Unfreeze User Like/Dislike Options | |
|---|---|
| **Description** | Ability to allow users to Like/Dislike specific fingerings or all fingerings. (Requires Login) |
| **Notes** | • None. |