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# **Gurlingo**

## **Gurlingo: Android and iOS App**

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## **Avneet Kaur and Sahiba Kaur**

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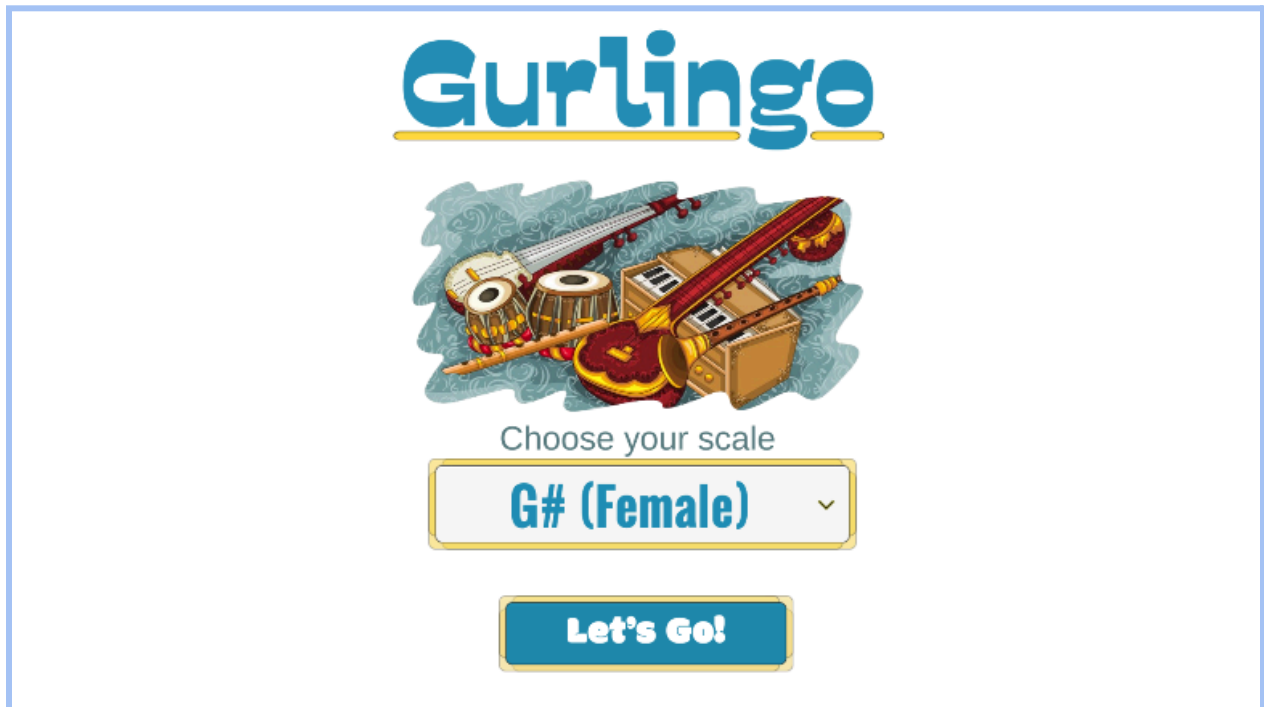
### **Abstract**

Gurlingo is an app developed through the Gurmat Sangeet Research Internship, designed to help users strengthen their understanding of two fundamental concepts in Gurmat Sangeet: Sur (musical notes) and Raag (melodic frameworks). Gurlingo will be available for free on Apple App Store and Google Play Store. The first release has three main features: a Scale Selection feature, Sur Training, and Raag Training. The Scale Selection feature allows users to customize their learning experience by choosing their preferred scale: G# or C#. The Sur Training learning track focuses on ear training and sur identification through quizzes with practice exercises. The Raag Training learning track introduces a basic overview of the 31 Shudh Raags from Sri Guru Granth Sahib Ji, and progresses to focused training on 10 select raags: Bilaval, Gond, Basant, Kalyan, Maru, Shree, Todi, Sarang, Malhar, and Bhairo.

This app is designed and built by Avneet and Sahiba Kaur, GSRI 2025 Interns, with support from Ishmeet, Harlove, and Sukhwinder Singh.

## Getting Started

After downloading Gurlingo from the Apple App Store or Google Play Store, open the app to see the home screen. On this page there will be a dropdown menu to select your scale: C# or G#. After this, click the “Let’s Go” button to move on to the next page.



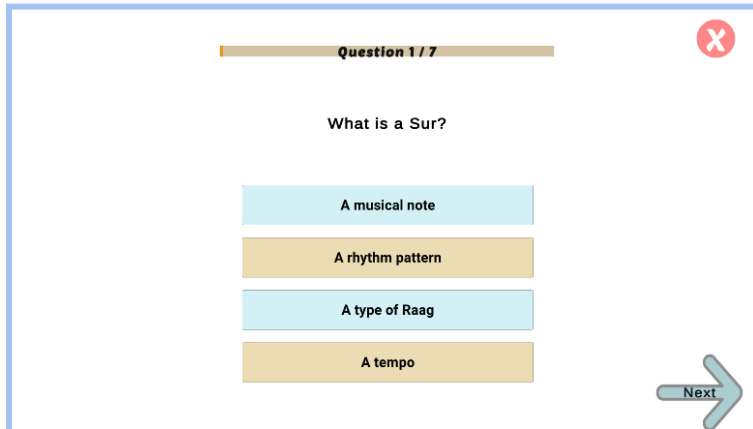
## Riyaaz Selection

On this page, you can choose from two training options: Raag or Sur. Click one to get started on the learning tracks.



## Sur Training

The Sur Training learning track focuses on ear training and recognition of surs (musical notes). After selecting the Sur Training option on the home screen, you will be taken to a screen displaying all levels. Each level corresponds to a sur from Sa to Ni, including vakrit surs. Click on the first level or the one you last practiced to start the exercises. Questions cover topics such as sur identification, naming practice, alankar identification, and western conversion.



## Raag Training

The Raag Training learning track introduces you to the basic theory and structure of the Shudh Raags found in Sri Guru Granth Sahib Ji. After selecting Raag Training on the home screen, you will see a list of levels similar to those in Sur Training. After you complete level one, which gives an overview of the 31 Shudh Raags, you unlock focused training on 10 raags: Bilaval, Gond, Basant, Kalyan, Maru, Shree, Todi, Sarang, Malhar, and Bhairo. Click on any raag level to begin practice quizzes. Each level covers important elements such as aroh and avroh, vadi and samvadi, jaati, vakrit surs, thaata, and timing.

