PROJECT SUMMARY

Ref No.: MRIC/SISM-02/IT-19	**Title:** Developing an expanded Cajon set with digital integration to alternate acoustic traditional Drums kit
Local Company: Smart Concept Creation Ltd	
Project Leader	
Mr Dinakar Unnoop	Smart Concept Creation Ltd

TECHNICAL ABSTRACT

The Cajon is a percussion instrument that originated in Peru in the 18th and was created by African slaves. The idea of redeveloping this instrument is its potential to satisfy the music industry and to match with the modern trend toward digitalization. We have a creative plan to expand Cajon by adding a separate snare, two toms, and a side drum, all made of wood, mounted on the Cajon itself. This setup allows you to have a comprehensive percussion ensemble with a range of drum sounds. The Cajon will provide the bass drum sound, while the added snare, toms, and side drum offer versatility and tonal options. One of the convenient aspects of our design is the ability to dismount the additional drum components and pack them inside the Cajon's bass itself. This practical solution makes it easy to transport and store the instrument. We are hence developing a well tested prototype to lay our contribution to the music industry by putting forward into the commercialization of the product since lately the industry is moving toward digitalization and promoting new method of producing sound.

Key Words: Cajon, musical instrument, cultural perservation