6.2 Form A

**MIT School of Engineering**

**Department of Computer Science and Engineering**

**Mini Project** (I, II, III, IV) **Topic Approval**

**Date: 31/09/2022**

**Class: SY CSE 9**

**Project Group ID: 04**

**Group Members:**

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**Project Title Evaluation Parameters:**

| **Sr.**  **No.** | **Parameters** | **Topic 1** | **Topic 2** | **Topic 3** |
| --- | --- | --- | --- | --- |
| 1. | Title | Image to Text and Speech converter. | Game Hub in python. | Bank Management System. |
| 2. | Domain  Expertise | Needs thorough understanding of Neural Networks,  Python libraries like pytesseract and gTTS.  Also needs to be good at Math topics like Matrices. | Needs to be skilled in Python and its modules needed for game development. | Needs to be proficient in Python.  Good grasp on Graphic User Interface using Python libraries like Tkinter.  Backend development using Javascript. |
| 3. | Technical  Feasibility | Good photo quality where characters are recognizable by the OCR software. | Python has all inbuilt modules needed for developing the GUI as well as logic of the game | GUI will be developed using Python inbuilt libraries like Tkinter.  Backend would be done using Javascript or Python. |
| 4. | Future Scope | It would help many students to save time and energy by converting the text in their textbooks into editable text and audio. | It can be implemented for fun and entertainment. | This could be used by banks to improve their GUI and make customer experience seamless, hassle free and it would reduce physical jobs in the bank. |
| 5. | Applicability | Users will be able to extract the text from hardcopies of documents into their own system and edit it. Can also be used by people to listen to physical textbooks like a podcast.. | Can be used by users who like to play simple games and while away time. | Banks could use this to improve their online presence and make customer usage easier. |
|  | Approved  (✓) |  |  |  |
| **Remark:** | | | | |

Sr. No. Name of Subject Expert Signature **1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ 2. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**