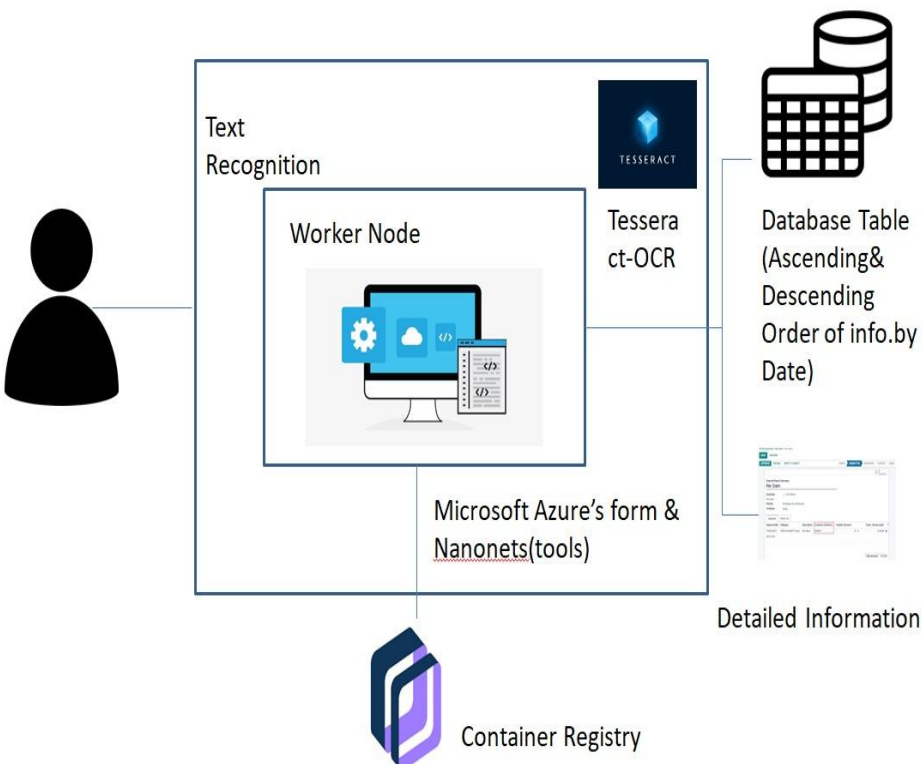


## Project Design Phase-I Proposed Solution Template

Date	24 September 2022
Team ID	PNT2022TMID39972
Project Name	Personal Expense Tracker Application
Maximum Marks	2 Marks

### Proposed Solution Template:

Project team shall fill the following information in proposed solution template.

S.No.	Parameter	Description
1.	Problem Statement (Problem to be solved)	In the application, the analysing of the daily expenses by photocopies (tracking) and helps you to control your budget.
2.	Idea / Solution description	The application records statistics on expenses received from checks and then it undergoes by text recognition algorithm (Tesseract OCR) on the best chosen images, the expenses will be calculated.
3.	Novelty / Uniqueness	The correctness data of the image will be taken. Tesseract-OCR is used to recognize the text and the Russian language recognition.
4.	Social Impact / Customer Satisfaction	Comparison of the expenses will be given. Previous expenses by date will be shown. The complete expenses will be displayed in the detailed information.
5.	Business Model (Revenue Model)	 <p>The diagram illustrates the application architecture. A user (represented by a person icon) interacts with a 'Worker Node'. The Worker Node is a containerized environment that includes 'Text Recognition' (using Tesseract-OCR) and 'Microsoft Azure's form &amp; Nanonets(tools)'. The Worker Node is connected to a 'Database Table (Ascending &amp; Descending Order of info. by Date)' which provides 'Detailed Information'. The Worker Node is managed by 'Container Registry'.</p>

6.	Scalability of the Solution	Analytics & insights. Tracks expenses. Improves the functionality of the application.
----	-----------------------------	---