Project Design Phase-IProposedSolutionTemplate

|  |  |
| --- | --- |
| Date | 03November2022 |
| TeamID | PNT2022TMID50430 |
| ProjectName | Project–Agesturebasedtoolforsterilebrowsingofradiologyimages |
| MaximumMarks | 2Marks |

**ProposedSolutionTemplate:**

Projectteamshallfillthefollowinginformationinproposedsolutiontemplate.

|  |  |  |
| --- | --- | --- |
| **S.No.** | **Parameter** | **Description** |
| 1. | ProblemStatement(Problemtobesolved) | A gesture based tool for sterile browsing ofradiologyimagesisintroducedtoidentifythe  handgesturesandreplyaccordingly. |
| 2. | Idea/Solutiondescription | Artificial Intelligence and Machine learningtechniques are used to identify the handgestures.Themodelistrainedandthedataistested using image processing and thenpredictionwillbedonetoperformthe  followingaction. |
| 3. | Novelty/Uniqueness | Ourmodelwilldetectandprocesstheimagethendifferentoperationsareappliedonthe  input. |
| 4. | SocialImpact/CustomerSatisfaction | Ourmodelisveryhelpfulforthedoctorstonottouch the radiology images during the entirethe operation since everything is done usinghandgestures. |
| 5. | BusinessModel(RevenueModel) | This model has more benefits because theadvantageofourmodelisthatitgivesaccurate  solutionsforthehospitalstaff. |
| 6. | ScalabilityoftheSolution | Oursystemisarealtimehandtracking  recognition technique which has a scalability ofhighrangeanditisveryinmedicalfield. |