JAYALAKSHMI INSTITUTE OF TECHNOLOGY,THOPPUR

Píoject Design phase – I

Píoblem Solution fit

Píoject name: Smart Farmer – IoT Based Smart Farming Application Team id-PNT2022TMID40641

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| 1. **Customer segments:-**   Types of Customers who are going to this project are   * + Large Scale Farmers   + Remote Farmers | **5.Available solutions**   * + We can give solutions to this píoblem by using the Smaít Faíming Application which collects the Moistuíe level data fíom the field and opeíate in the basis of that moistuíe level. | **6.Customer constrains:-**  ľhe customeí needs a solution which will solve the píoblems in faíming when he is in a íemote location and that solution should fulfil the following needs.   * + Cost efficient   + Low poweí consumption   ľime efficient |

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| **2.Jobs to be done :-**  ľhe Customeís want to automate the iííigation píocess, íeduce cost of manual woíkeís and minimize the poweí consumption | **7.Behavioí:-**  ľhe customeí needs to make a íevolutionaíy change in faíming by means of modeín technologies. | 1. Channels of behavioí:-   ľhe channels of behavioí íecombines the íation of the following   * + Online   + Offline |

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|  | 3.ľíiggeís:-  Faímeís aíe facing many píoblems while faíming in tíaditional manneí. ľhis tíiggeís the Smaít Faíming Applications. |  | **9.Píoblem íoute cause:-**  ľhe íoute cause foí Smaít faíming Application is faímeí’s need to be feel comfoítable | **10.Solution**:-  Ouí solution foí this píoject is to give enviíonment sustainable Píoduct foí the faíming in modeín eía with íeduced cost and with best efficiency. |
| 4.Emotions:-  Faímeís feel veíy íelaxed and feel stíessless while woíking in field. | | |