# Problem-Solution Fit

| Team ID | PNT2022TMID15120 |
|---|---|
| Project Name | IoT Based Safety gadget for child safety monitoring and notification. |
| Maximum Marks | |

**Problem-Solution fit** canvas 2.0

## Purpose: To create an child safety gadget

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| **1.CUSTOMER SEGMENT**<br><br>• Caretaker<br>• Parent | **6.CUSTOMER CONSTRAINTS**<br>• Easy to use<br>• compatible and weightless<br>• low cost | **5.AVAILABLE SOLUTION**<br>• Knowlege about setting geofence<br>• Device<br>• Internet |
| **2. JOBS -TO- BE-DONE/ PROBLEMS**<br><br>• To manage data store<br>• network connectivity?<br>• To alert the parents in case of emergency | **9. PROBLEM ROOT CAUSE**<br><br>• Crimes<br>• missing children<br>• Irresponsible parents | **7. BEHAVIOUR**<br><br>Tracking devices for kids provide you with real-time GPS details of your child's location. This is extremely useful tool when your child is walking to a friends house from any instant distance where your child's current whereabout could be uncertain. |

Define CS, fit into CC — Focus on J&P, tap into BE, understand RC — Explore AS, differentiate — Focus on J&P, tap into BE, understand RC

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|---|---|---|
| **3. TRIGGERS**<br>•<br>social media neighbour places fear of losing child<br>•<br>•<br><br>**4.EMOTIONS: BEFORE/ AFTER**<br>•<br>• Parents are panic that they lost the child They fell happy after they find the child | **10. YOUR SOLUTION**<br>•<br>Gadget ensure the safety and<br>• tracking of children.<br>The android app use GPS and moblie service to find the child location and secretly stored accurate location wihout knowing the children | **8 CHANNELS of BEHAVIOR**<br>•<br>**81 ONLINE** • web applicationGPS module communication<br><br>**82 OFFLINE**<br>•<br>• Distance Calculations gadget using time |

Identify strong TR & EM — Extract online & offline CH of BE

★ AMALTAMA