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| --- | --- | --- | --- | --- | --- | --- |
| **Communication management plan** | | | | | | |
| **Stakeholder** | **Deliverable** | **Frequency** | **Preferred way to deliver** | **Owner** | **Priority** | **Goals** |
| **Project team + Project sponsor** | **Project status report** | **Weekly Saturday at 10 a.m.** | **Meeting** | **Project manager** | **High priority** | **Review projects status & discuss potential issues or delays** |
| **Project team** | **Task progress updates** | **Daily at 10 a.m.** | **Email** | **Project manager** | **High priority** | **Share daily progress made on project tasks** |
| **Project team + Project sponsor** | **Project review** | **At Milestone** | **Meeting** | **Project manager** | **High priority** | **Present project deliverables & gather feedback & discuss next steps** |
| **Project team** | **Post – Mortem meeting** | **At end of project** | **Meeting** | **Project manager** | **Medium priority** | **Assess what worked & what didn’t work & discuss actionable takeaways** |

**Blood Diabetes Regulating Chip**

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| **Planning** | |
| **Founding a company of programmers whose goal is to use a new technology to treat diabetes which provides comfort for diabetics instead of swallowing medications and daily injections , which is to program a piece of metal “platinum” the size of a match stick under the skin to stimulate the pancreas to secrete the hormone insulin in sufficient quantity for a year.** | **Executive summary** |
| **1. Get the titanium or platinum chips from the factory**  **2. Chip encoding to preform it’s task**  **3. Deliver the encoded chips to hospitals and clinics** | **Deliverables** |
| **1. A suitable place for the establishment of the company**  **2. Agreement with suitable companies to help ship the chips**  **3. Contracting with companies that issue chips**  **4. Computers and doctors**  **5. Security systems** | **Project resources** |
| **1. Some reject it due to lack of scientific evidence**  **2. The need for more human trials to ensure its success**  **3. High cost and very unavailability**  **4. Error in its programming leads to a great danger to the patient's life**  **5. Its presence in the body more than its expiration date harms the body** | **Risk & issue management plan** |

|  |  |
| --- | --- |
| **Limits & Exclusions** | |
| **Time** | **Limits** |
| **One year** | **The validity of the chip in the body** |
| **8 : 00 a.m. to 4 : 00 p.m.** | **Working hours** |
| **Every 6 months** | **Training courses for programmers** |
| **Every month** | **Maintenance of devices & networks** |

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| **The Work Break Down Structure** | | |
| **Level 3** | **Level 2** | **Level 1** |
| **1. Contract with chip factory**  **2. Contract with shipping company** | **Importing chips** | **Encoded Packaged chip** |
| **1. Prepare the chips**  **2. Encode the chips**  **3. Test the coded chips** | **Encoding chips** |
| **1. Contract a factory for making medical protecting boxes**  **2. Packaging the boxes containing the chips**  **3. Ordered chips to hospitals & clinics** | **Packaging & Delivering chips** |

**Blood Diabetes Regulating Chip**

Diagram

Description automatically generated

**Blood Diabetes Regulating Chip**

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| --- | --- | --- | --- | --- | --- |
| **The priority matrix** | | | | | |
| **Dina** | **Nada** | **Nouran** | **Mai** | **Nermeen** | **Tasks** |
|  | **S** |  |  | **R** | **Contract with chip factory** |
|  | **S** |  |  | **R** | **Contract with shipping company** |
| **S** |  |  | **R** |  | **Prepare the chips** |
| **S** |  | **R** |  |  | **Encode the chips** |
| **R** |  | **S** |  |  | **Test the coded chips** |
|  | **S** |  |  | **R** | **Contract a factory for making medical protecting boxes** |
|  |  | **S** | **R** |  | **Packaging the boxes containing the chips** |
|  | **R** |  |  | **S** | **Ordered chips to hospitals & clinics** |

Diagram

Description automatically generated

**Blood Diabetes Regulating Chip**

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
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| **13** | **12** | **11** | **10** | **9** | **8** | **7** | **6** | **5** | **4** | **3** | **2** | **1** | **0** | **SL** | **LF** | **ES** | **DUR** | **RES** | **ID** |

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|  |  |  |  |  |  |  |  |  |  |  |  | **3** | **0** | **1** | **0** | **1** | **3** | **A** |
|  |  |  |  |  |  |  |  |  |  |  |  | **3** | **0** | **1** | **0** | **1** | **3** | **B** |
|  |  |  |  |  |  |  |  |  |  | **15** | **15** |  | **0** | **3** | **1** | **2** | **15** | **C** |
|  |  |  |  |  |  | **20** | **20** | **20** | **20** |  |  |  | **0** | **7** | **3** | **4** | **20** | **D** |
|  |  |  |  | **20** | **20** |  |  |  |  |  |  |  | **0** | **9** | **7** | **2** | **20** | **E** |
|  |  | **SL** | **3** |  |  |  |  |  |  |  |  |  | **1** | **11** | **9** | **1** | **3** | **F** |
|  |  | **15** | **15** |  |  |  |  |  |  |  |  |  | **0** | **11** | **9** | **2** | **15** | **G** |
| **10** | **10** |  |  |  |  |  |  |  |  |  |  |  | **0** | **13** | **11** | **2** | **10** | **H** |
| **10** | **10** | **15** | **18** | **20** | **20** | **20** | **20** | **20** | **20** | **15** | **15** | **6** | **Resources scheduled** | | | | | |
| **30** | **30** | **30** | **30** | **30** | **30** | **30** | **30** | **30** | **30** | **30** | **30** | **30** | **Resources available** | | | | | |

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|  |  |  |  |  |  |  |  |  |  |  |  | **5** | **5** | **Contract with chip factory** | **1** | **A** |
|  |  |  |  |  |  |  |  |  |  |  |  | **5** | **5** | **Contract with shipping company** | **1** | **B** |
|  |  |  |  |  |  |  |  |  |  | **2** | **2** |  | **4** | **Prepare the chips** | **2** | **C** |
|  |  |  |  |  |  | **3** | **3** | **3** | **3** |  |  |  | **12** | **Encode the chips** | **4** | **D** |
|  |  |  |  | **3** | **3** |  |  |  |  |  |  |  | **6** | **Test the coded chips** | **2** | **E** |
|  |  |  | **5** |  |  |  |  |  |  |  |  |  | **5** | **Contract a factory for making medical boxes** | **1** | **F** |
|  |  | **5** | **5** |  |  |  |  |  |  |  |  |  | **10** | **Packaging the boxes containing the chips** | **2** | **G** |
| **2** | **2** |  |  |  |  |  |  |  |  |  |  |  | **4** | **Ordered chips to hospitals & clinics** | **2** | **H** |
| **2** | **2** | **5** | **10** | **3** | **3** | **3** | **3** | **3** | **3** | **2** | **2** | **10** | **51** | **Week total** | | |
| **51** | **49** | **47** | **42** | **32** | **29** | **26** | **23** | **20** | **17** | **14** | **12** | **10** | **Cumulative** | | | |

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| **13** | **12** | **11** | **10** | **9** | **8** | **7** | **6** | **5** | **4** | **3** | **2** | **1** | **0** | **bud** | **Task** | **DUR** | **ID** |

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| **Risk & issue management plan** | |
| **Solutions** | **Risks** |
| **Do more studies & reports on the chip to prove its validity & harmlessness** | **Some reject it due to lack of scientific evidence** |
| **Many chips are manufactured & exported to all Arab countries** | **Very unavailability in the Arab World** |
| **Choosing the most efficient & experienced programmers to avoid any mistakes** | **Error in its programming leads to a great danger to the patient's life** |
| **Communicating with patients & reminding them of the approaching end of the chip’s stay inside the body , also reminding them when it should be removed from the body** | **Its presence in the body more than its expiration date harms the body** |