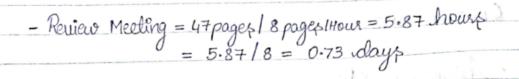
CALCULATIONS:-· Assuming 8 hours works per day. Deviation (hours) = Amount of work (pages) / productivity rate.

Diviation (clays) = <u>Privation (hours)</u> / Work Hours per day. [Effort] Project Plan-· Woute plan = 31 радер/3 радер 1 ноих = 10.33 hours = 10.33 / 8 = 1.29 days · Review plan = - proparation for newew = 31 pages/5 pages 1 Hour = 6.2 hours = 6.2/B = 0.78 days - Review Meding = 31 pages / 5 pages 1 Hour = 6.2 hours = 6-2/8= 0.78 days · Rework = 22 defects / 4 defects 14cm = 5.5 hours = 5.5/8 = 0.69 days Risk Miligation and Contingency Plan-· Woute plan = 47 pages / 4 pages 14 pages 14 pages 14 pages 14.75 hours = 11.75/8=1.47 days Review plan - preparation for review = 47 pages / 4 pages / Hour = 11.75 hours = 11.75 8 = 1.47 days

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· Rework = 45 defects / 5 defects 140us = 9 hours = 918 = 1.12 days

Requirement -

· Woute requirements = 112 Reg / 5 Reg Howr = 22.4 hours = 22.4/8 = 2.8 days

· Worte Use case Model = 46 vecases 1.5 usecase 1400 = 30.66 5 3 usecase 2 hours = 3/2 = 1.5 we case I hour

= 30.66/8 = 3.83 days

· Review Requirements / Use case Model -

- Psieparation for review =

- ∞ Requirement -> Requests = 112 requests / 18 reg Inour = 6.22 how

= 6.22/8 = 0.78 days

> Use case = 46 usecases / 4 use cases / hour = 11.5 hours

= 11.5/8 = 1.44 clays

- Review Meeting =

-> Requests = 112 Requests / 28 Requests / hours

= 4/8 = 0.5 days

-> Use case = 46 usecases / 6 wecases How = 7.66 hours

= 7.66/8 = 0.96 clays

· Rework = 136 defects 10 defects thous = 13.6 hours =13.6/8 = 1.7 days



Analysis -

· Woute Analysis document = 66 pages / 5 pages / hours =13.2/8= 1:65 days

· Review Analysis Socument -

- Preparation for Analysis downent = 66 pages/ 4 pages/hour = 16.5 hours = 16.5/8 = 2.06 days

- Review Meeting = 66 pages / 9 pages / hour = 7.33 hours = 7.33/8 = 0.92 days

· Rework = 123 defects/6 defects 1 hour = 20.5 hours = 20.5/8 = 2.56 days

Design -

· Walte DD = 89 pages / 5 pages / hour = 17.8 hours = 17.8/8 = 2.22 days

· Review DD

- Psieparalion for DD = 89 pages/ 4 pages/hour = 22.25 hours = 22.25/8 = 2.78 days

- Review Meeting = 89 pages / 8 pages 1 hours = 11.12 hours = 11.12/8 = 1.39 days

· Rework = 188 defects 15 defects I how = 37.6 hours = 37.6/8 = 4.7 days

· Write Data Model (DM)= 28 pages/ 0.25 = 112 hours page 14 hour = 0.25 page han = 112/8=14 clays



- Poseparation for DM = 28 pages / 4 pages 1 hours = 7 hours =7/8=0.87 days

- Review Meeting = 28 pages / 5 pages / hour = 5.6 hours = 5.6/8= 0.7 days

· Rework = 88 defects / 6 defects / hour = 14.66 hours = 14.66/8 = 1.83 days

loding and writ test-

· Woute Code = 3800SLOC/5SLOCILOUS = 760 hours = 760/8 = 95 days



- prepare execute test cases = 256 test cases 10 test cases 1day = 25.6 days

- fix found defects = 176179 defects / 8 defects Iday = 22.37 clays

- Test fixed defects = 179 defects / 12 defects / day = 14.92 days

Code Inspection -

- preparation for code inspection = 3800 SLOC/113 SLOC/ hour = 33.62 house = 33.62/8 = 4.20 days

- cocle Inspection Meeting = 3800 SLOC / 189 SLOC/hour = 20-10 hours

= 20.1018 = 2.51 days

- Rework = 188 defects/ 5 defects/hour = 37.6 hours = 37.6/8 = 4.7 days

Testing-

· Write Test plan (TP) = 166 pages / 5 pages /day = 33.2 days

· Review TP

- preparation forTP = 166 pages / 4 pages hour = 41.5 hours = 41.5/8 = 5.19 days

Keriew TP Meeting = 166 pages 18 pages 1 hour = 20.75 hours = 20.75/8 = 2.59 days

Rework = 255 defects / 7 defects / hour = 36.42 hours = 36.42/8 = 4.55 Mays

* Execute TP (Lest cases) = 215 test cases / 9 test asserday = 23.89 days

· Fix found Defects = 213 defects / 14 defects / day = 15.21 days

· Test fixed Defects = 213 defects / 17 defects / clay = 12.52 clays

Documentation -

· User documentation = 134 pages 4 pages hour = 33.5 hours = 33.5/8 = 4.19 clays

· Review UD -

- preparation for UD Review = 134 pages / 5 pages 1 nous = 26.8 hours = 26.8 /8 = 3.35 days

- Review UD Meeting = 134 paget | 7 pages | hour = 19.14 hours = 2.39 days

- Rework = 174 defects / 6 defects / hour = 29 hours = 2918 = 3.62 days

