

LIST OF TABLES

Table 2. 1	Candidate frequency range 5G in Indonesia.	7
Table 2. 2	A changing approach in the mobile connectivity market [14], [15].	9
Table 2. 3	Overhead parameters[23]–[25].	13
Table 2. 4	Distribution of range frequency.	14
Table 2. 5	Numerology in 5G.....	14
Table 2. 6	Number of resource blocks in FR2.	15
Table 3. 1	Parameter of capacity planning.	26
Table 3. 2	Scenarios of the micro operator.	28
Table 3. 3	Capex components of each scenario.	29
Table 3. 4	Opex components of each scenarios.	29
Table 4. 1	Forecasting number of population in capacity planning.	32
Table 4. 2	Estimated traffic needs.	33
Table 4. 3	Parameter of coverage planning.	35
Table 4. 4	Components Capex for scenario 1.	39
Table 4. 5	IPSFR calculation.....	40
Table 4. 6	Components Capex for scenario 2.	40
Table 4. 7	Components Capex for scenario 3.	41
Table 4. 8	Total Capex for scenario 1.	41
Table 4. 9	Total Capex for scenario 2.	42
Table 4. 10	Total Capex for scenario 3.	42
Table 4. 11	Total Opex for scenario 1.....	43
Table 4. 12	Total Opex for scenario 2.....	44
Table 4. 13	Total Opex for scenario 3.....	44
Table 4. 14	The average ARPU.	44
Table 4. 15	Forecasting revenue for scenarios 1,2, and 3.	45
Table 4. 16	Cash flow for scenarios 1,2, and 3.	46
Table 4. 17	ROI for scenarios 1,2, and 3.....	46
Table 4. 18	Results of NPV, IRR, and PP.....	47
Table A. 1	CPI Bekasi 2020-2021.	61