

Answer to question no. 1

$$\text{Total benefits} = 145000$$

$$\text{Total costs} = 121000$$

$$\therefore \text{Net annual ROI} = \frac{145000 - 121000}{121000} = 19.83\%$$

$$\begin{aligned} \text{Break even point} &= 3 + \frac{33000 - 24000}{33000} \\ &= 3 + 0.27 \\ &= 3.27 \text{ years} \end{aligned}$$

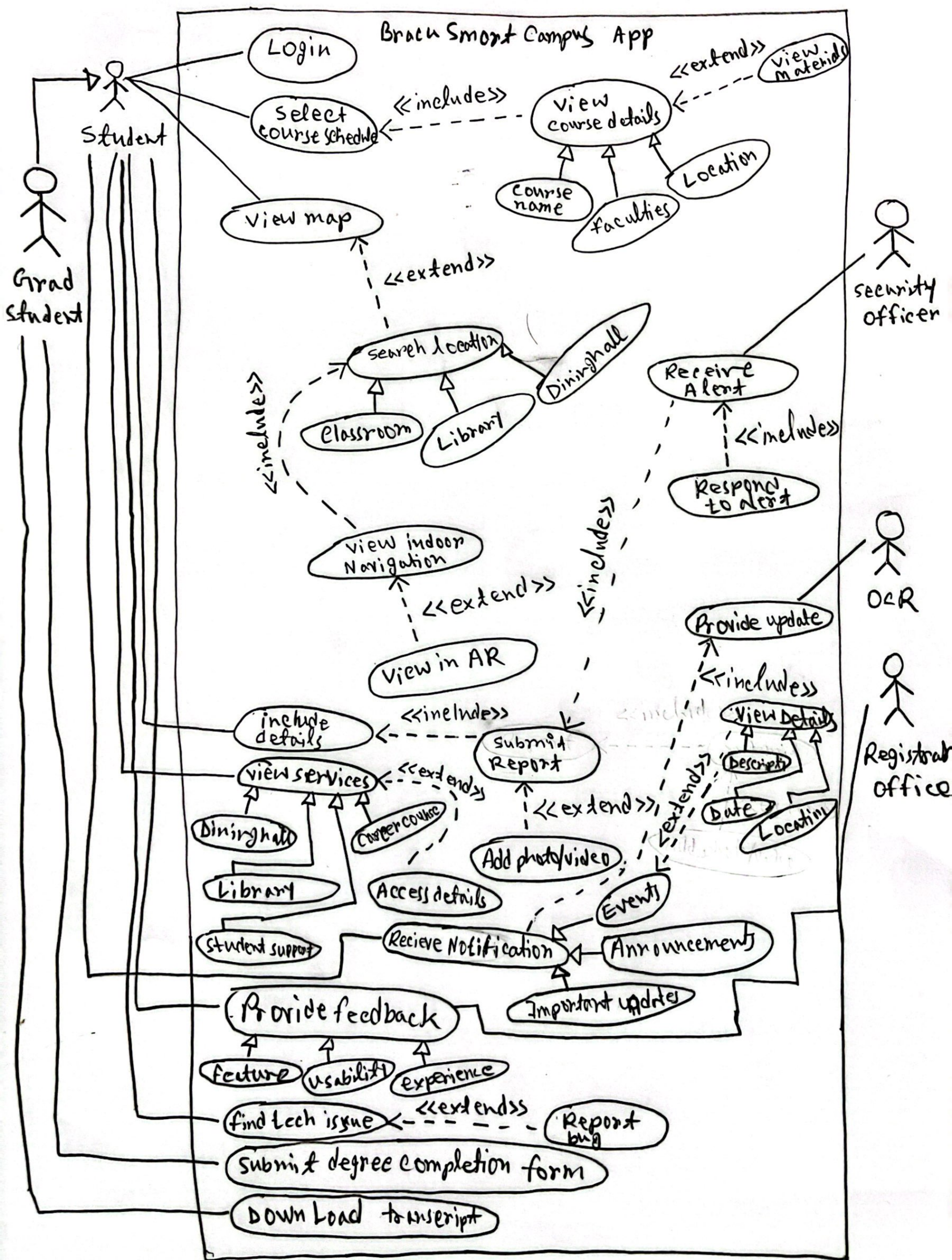
Rough

In
year
4

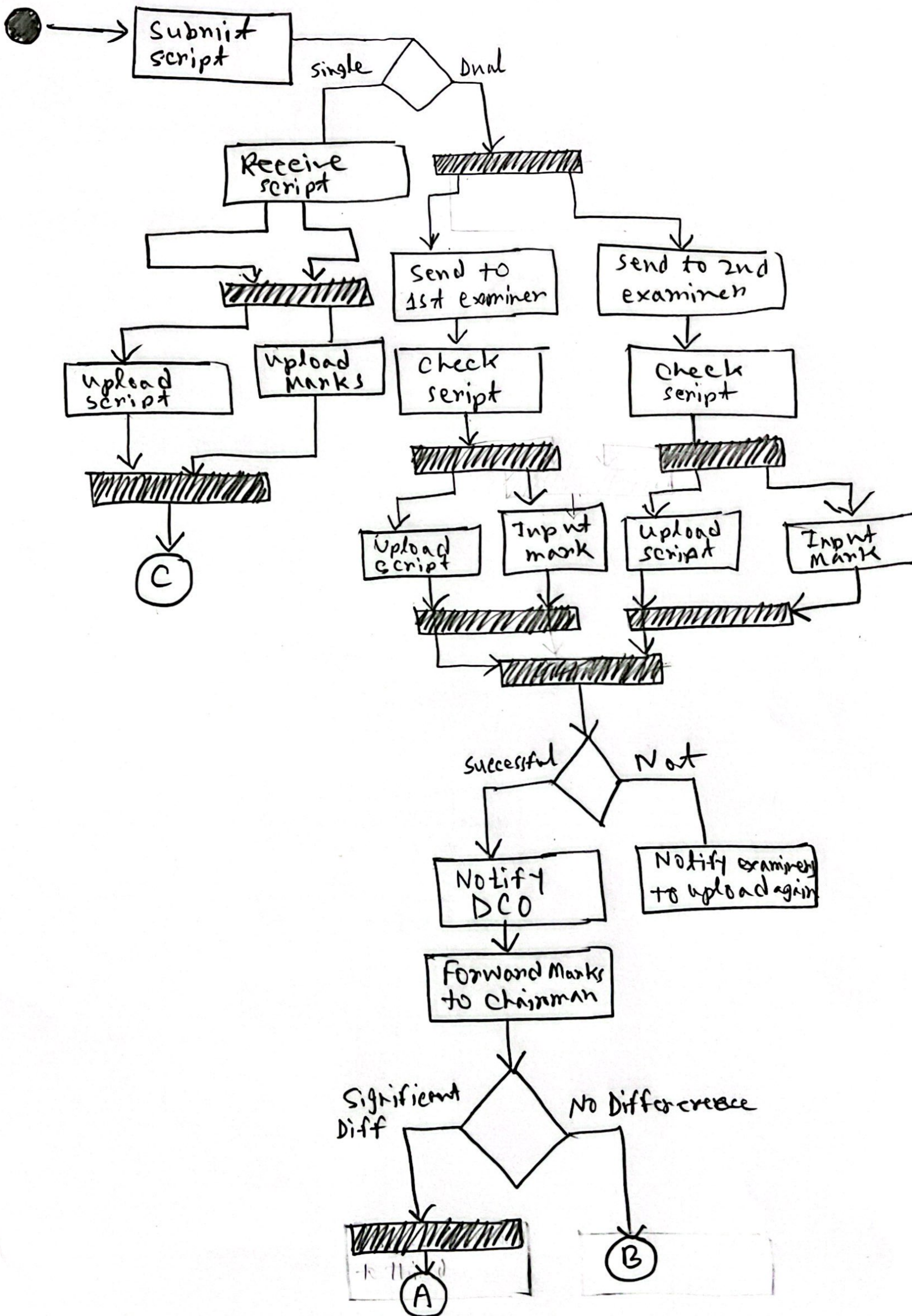
Net cash
flow

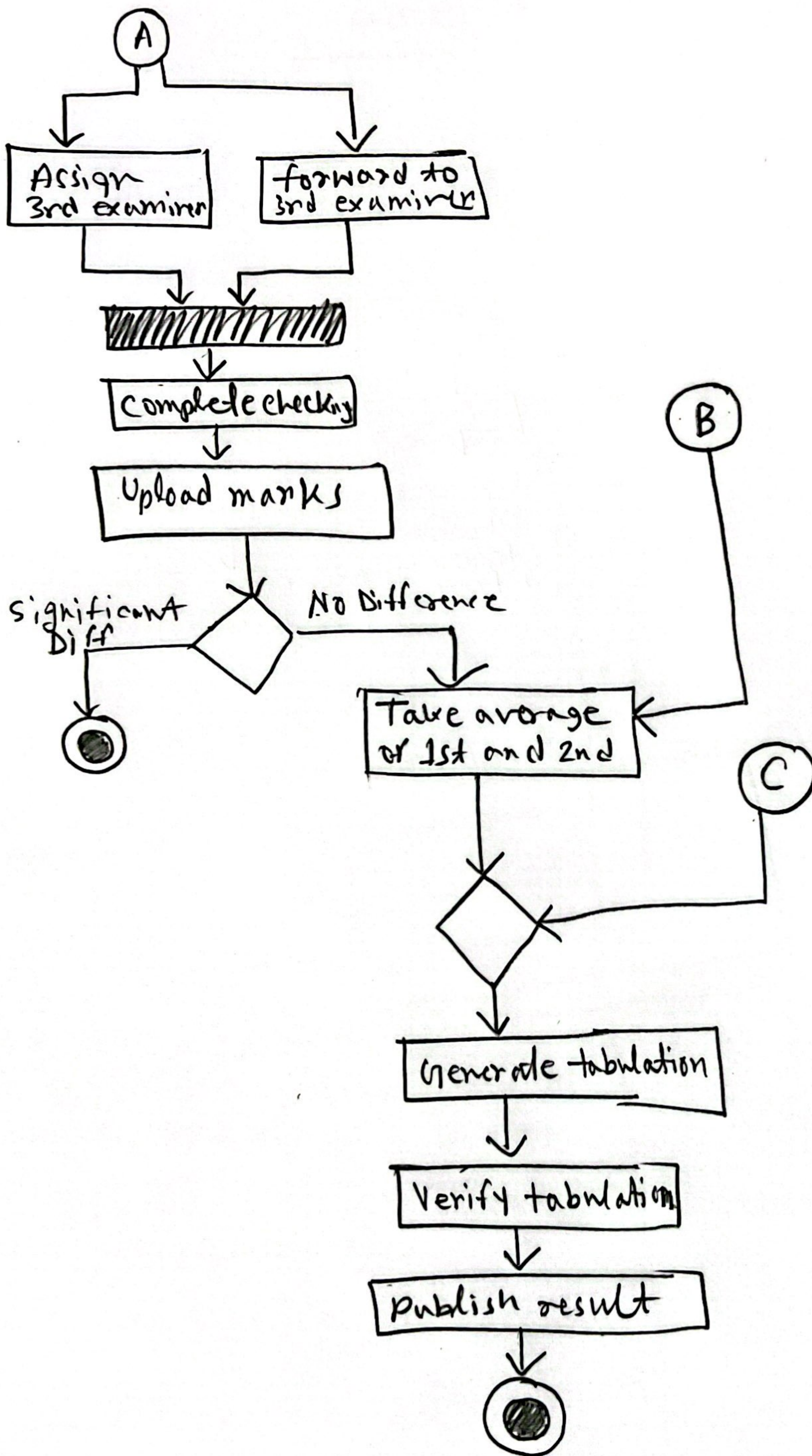
24,000

Answer to question no. 2



Answer to question no. 3





Answer to question no.4

