## Question 1 (10 points)

In 2022, Leo construction will work on a residential project that lasts 4 months. The direct costs of the residential project are shown in the following bar chart. Assuming $\$ 5,000$ indirect cost per month, and $12 \%$ markup. If the retainage is $8 \%$ throughout the project, finance charge is $1 \%$ per month, and payments will be billed at the end of the month and will be received one month later. Fill out the table and find out the peak financial requirement as well as the net profit of the project.


| End of Month | 1 | 2 | 3 | 4 | 5 |
| :--- | :--- | :--- | :--- | :--- | :--- |
| Monthly Cost |  |  |  |  |  |
| Monthly Billing |  |  |  |  |  |
| Monthly Income |  |  |  |  |  |
| Retainage |  |  |  |  |  |
| Overdraft <br> (before interest) |  |  |  |  |  |
| Interest (1\%) |  |  |  |  |  |
| Overdraft <br> (deduct interest) |  |  |  |  |  |
|  |  |  |  |  |  |
| Overdraft <br> (add income) |  |  |  |  |  |

