**Installation & Execution Procedure:**

**Inatallations:**

Visual Studio 2022- <https://visualstudio.microsoft.com/thank-you-downloading-visual-studio/?sku=Community&channel=Release&version=VS2022&source=VSLandingPage&cid=2030&passive=false>

SQL Server Management Studio (SSMS) - <https://learn.microsoft.com/en-us/sql/ssms/download-sql-server-management-studio-ssms?view=sql-server-ver16>

SQL Server - <https://www.microsoft.com/en-in/sql-server/sql-server-downloads>

**Execution Procedure:**

1. Install the above-mentioned software.
2. Choose a blockchain platform that fits your P2P lending requirements as we choose Ethereum.
3. Develop a smart contract for the lending process using a blockchain - specific programming language such as Solidity for Ethereum.
4. After developing the smart contract, you will need to set up the lending platform. It acts as a user interface for lenders and borrowers, as well as integrating the smart contract into the platform.
5. Create a digital wallet that can hold the crypto currency that will be used for the lending process.
6. Run the lending platform, so that the borrower can apply for a loan by submitting details of the loan, such as the amount and interest rate by keeping ETH as Collateral. The smart contract will verify that the borrower is eligible for the loan and will automatically issue the loan once approved.
7. A loan Repayment Payment Gateway such as RazorPay is integrated within the system where borrowers will repay their loans directly to the smart contract, which will distribute the funds to the lenders.
8. The loan has been fully repaid, the smart contract will close the loan contract, and the borrower's collateral will be released.