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| **Literature Survey,**  **Review of Existing System(s), Limitations of Existing System(s)**  **Literature Survey** | | | | |  |
|  | **Author(s) / Year** | **Title / Platform** | **Key Features** | **Limitations** |  |
| Vitalik Buterin, Ethereum (2015) | Ethereum Whitepaper | Introduced smart contracts enabling  decentralized applications | General-purpose; not specific to crowdfunding |  |
| Giveth.io (2017– Present) | Giveth Decentralized Crowdfunding | Donation-based platform; smart contracts control fund  distribution | Still under development; limited adoption |  |
| Kickstarter | Centralized  Crowdfunding Platform | Popular, user-  friendly, wide audience reach | Centralized control, high fees, lack of transparency |  |
| WeiFund (2016) | Open platform for crowdfunding on  Ethereum | Campaigns run fully on smart contracts;  open-source | Project discontinued; lacked user engagement and long-  term support |  |
| Fundition.io (2018) | Blockchain-based social crowdfunding | Decentralized,  integrates social features | Platform-specific token dependency; adoption issues |  |
| **Review of Existing Systems**   * **Kickstarter / GoFundMe**: Centralized platforms that host crowdfunding campaigns, control approval processes, and take a percentage of raised funds. * **Giveth**: A DApp focused on donations with built-in transparency and traceability using smart contracts. * **Fundition**: Uses blockchain to power donation-based fundraising with a social layer. * **WeiFund**: An early Ethereum-based DApp that explored decentralized crowdfunding. | | | | |  |

**Limitations of Existing Systems**

# Centralized Platforms:

* + Dependence on a trusted third party.
  + High service and transaction fees.
  + Vulnerable to censorship and platform bias.
  + Lack of financial transparency post-campaign.

# Early DApps:

* + Low adoption and poor UX compared to centralized platforms.
  + Limited scalability.
  + Dependency on specific tokens or chains.
  + Often lack milestone-based fund release mechanisms.