

A **virtual organization** through IT refers to a business or entity that operates primarily or entirely through information technology (IT) systems and digital platforms. In this context, IT plays a central role in facilitating communication, collaboration, and the management of organizational processes.

Key aspects of a virtual organization through IT include:

Digital Infrastructure: Virtual organizations rely on robust IT infrastructure to support their operations. This infrastructure typically includes hardware such as computers, servers, and networking equipment, as well as software for communication, collaboration, project management, and data storage.

Remote Work: IT enables employees to work remotely from anywhere with an internet connection. Virtual organizations often embrace remote work arrangements, allowing employees to telecommute and collaborate effectively without the need for a physical office space.

Communication Tools: Virtual organizations leverage a variety of IT tools for communication, including email, instant messaging, video conferencing, and virtual meeting platforms. These tools enable real-time communication and collaboration among team members regardless of their physical location.

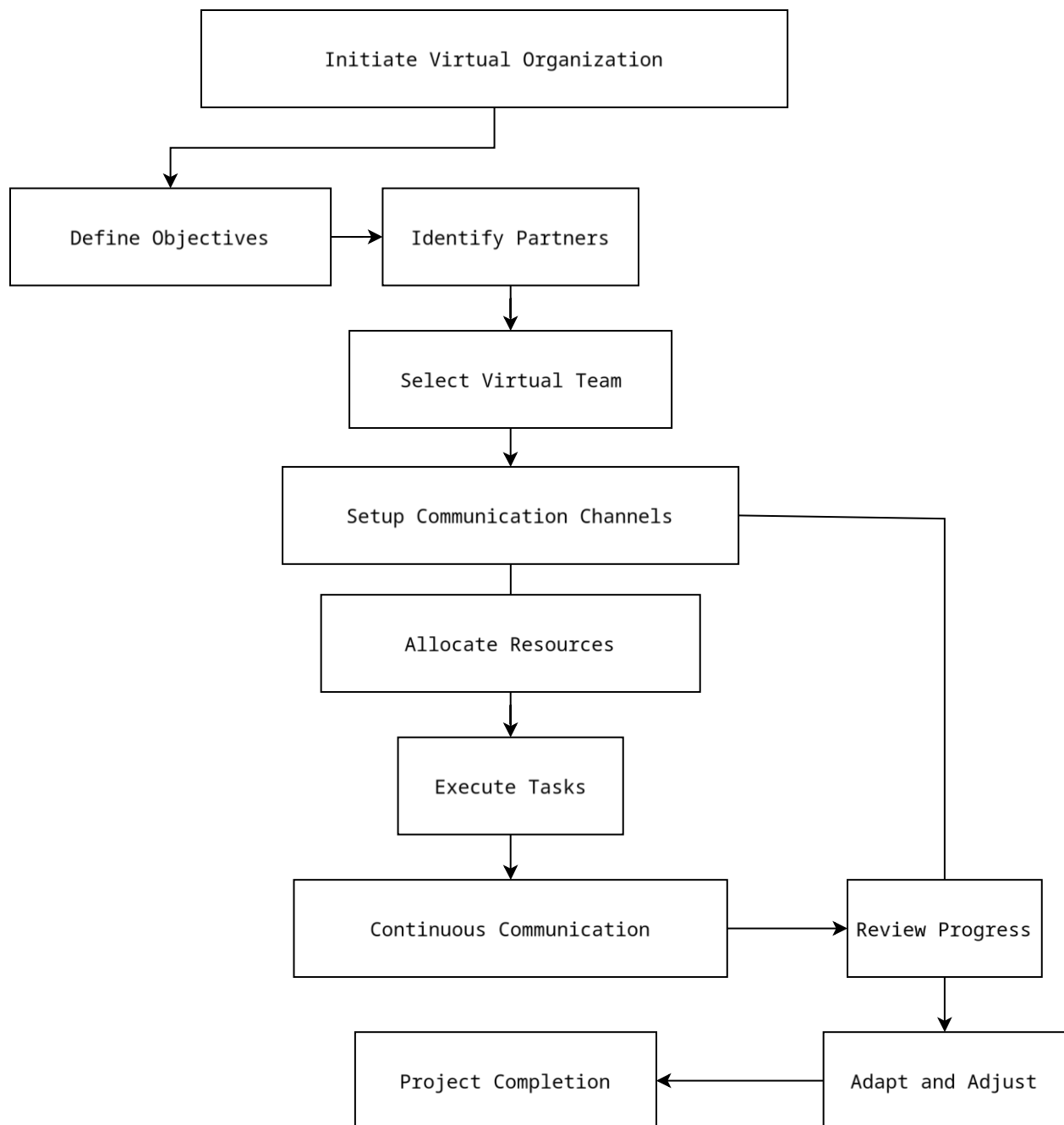
Collaboration Platforms: Virtual organizations use IT platforms and software to facilitate collaboration on projects and tasks. These platforms may include project management software, document sharing tools, version control systems, and online collaboration spaces where team members can work together on documents and projects in real time.

Cloud Computing: Many virtual organizations rely on cloud computing services to store data, host applications, and provide IT infrastructure on-demand. Cloud computing enables scalability, flexibility, and cost-effectiveness, allowing virtual organizations to adapt quickly to changing business needs.

Security Measures: Virtual organizations must implement robust IT security measures to protect sensitive data and ensure the integrity of their IT systems. This may include encryption, access controls, firewalls, antivirus software, and regular security audits to identify and address potential vulnerabilities.

Remote Management: IT systems enable managers and leaders to remotely oversee and manage the operations of a virtual organization. This may include monitoring employee productivity, tracking project progress, and providing support and guidance to remote team members.

Here is a flow chart showing a virtual organization,



In this flowchart:

- The process begins with initiating the virtual organization, which involves defining objectives and identifying potential partners.

- Once partners are identified, a virtual team is selected to carry out the tasks necessary to achieve the objectives.
- Communication channels are established to facilitate collaboration and coordination among team members.
- Resources, including tools and technologies, are allocated to support the execution of tasks.
- Tasks are executed by the virtual team, with continuous communication and collaboration throughout the process.
- Progress is regularly reviewed, and adjustments are made as necessary to ensure the project stays on track.
- The process continues until the project is completed, at which point the virtual organization may disband or transition to new projects or objectives.

Overall, virtual organizations represent a modern approach to organizing work and can offer benefits such as cost savings, access to a global talent pool, and increased flexibility for employees. However, they also require careful management to ensure effective communication, collaboration, and coordination among team members.

Here are ten organizations in Bangladesh that operates in a virtual manner:

1. Daraz Bangladesh (E-commerce platform)
2. Pathao (Ride sharing platform)
3. Grameenphone (Telecommunication company)
4. Evaly (E-commerce platform)
5. Techlution (Software development company)
6. Ajkerdeal (E-commerce platform)
7. Robi (Telecommunication company)
8. TechRepublic Bangladesh (Digital marketing agency)
9. 10 Minute School (Online education platform)
10. Daraz seller point (Freelancing platform)

Here are ten globally famous organizations that operate in a virtual manner:

Automattic: The company behind WordPress.com, Automattic is known for its fully distributed workforce, with employees working remotely from various locations around the world. They rely heavily on digital tools for communication and collaboration.

GitLab: GitLab is a web-based DevOps lifecycle tool that provides a Git repository manager providing wiki, issue-tracking, and CI/CD pipeline features, using an open-source

license. It operates with a fully remote workforce and has a strong emphasis on transparency and collaboration.

Buffer: Buffer is a social media management platform that operates as a fully remote company. Employees work from different locations worldwide, relying on digital tools to coordinate their efforts in providing social media solutions for businesses.

Zapier: Zapier is an online automation tool that connects your favorite apps, such as Gmail, Slack, Mailchimp, and more. It operates with a remote-first approach, allowing employees to work from anywhere in the world while leveraging technology for seamless integration and collaboration.

InVision: InVision is a digital product design platform that operates as a distributed company, with employees spread across various locations globally. Their platform enables remote teams to collaborate on designing, prototyping, and iterating on digital products.

Toptal: Toptal is a talent marketplace for top software developers, designers, and finance experts. It operates as a fully remote company, connecting clients with freelance talent from around the world through its online platform.

Basecamp: Basecamp is a project management and team communication software company that operates with a remote workforce. They develop tools that enable remote teams to collaborate effectively and manage projects efficiently.

Trello: Trello is a collaboration tool that organizes your projects into boards. It operates as a distributed company, with employees working remotely from various locations worldwide. Trello's platform helps remote teams stay organized and collaborate on projects in real-time.

GitHub: GitHub is a web-based hosting service for version control using Git. It operates with a distributed workforce, allowing employees to work remotely from different parts of the world. GitHub's platform facilitates collaboration among developers and teams working on software projects.

Stripe: Stripe is a technology company that builds economic infrastructure for the internet. It operates as a remote-friendly company, with employees working from different locations globally. Stripe provides online payment processing solutions and tools for businesses to accept payments online.