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Final Report:

System Classification,Flow Chart & Cost.

Product: **Website Programming, Design & Hosting.**
Company: **Q8-Host.Com Webhosting Solutions.**

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Date: 4th Aug. 2010

Introduction:

We are going to study and analyze the process of website programming, design, and hosting inside (Q8-Host.Com Webhosting Solutions). Clients of this company are varying from individuals to different corporates and governmental institutions. Q8-Host.Com is being run by only one person: Majid Alqabandi.

System Model Classification:

Labor:

1- Direct Labor: (Majid).

2- Indirect Labor: (Data Center Technicians).

Material:

1- Direct Material: (Website content provided by clients: Client Information, Products, … etc.).

2- Indirect Material: (Standard content: Navigation System, Gallery System, Other Standard web page content).

Equipment:

1- Direct Equipment: (Mac Design Workstation, PC Workstation, Laptop, PDA (Blackberry), Storage Mediums (Hard Drives), Software (Website Programming Software and Tools).

2- Indirect Equipment: (Website Servers, Network Tools (Routers, Switches, Cables), Web Server Licenses, Other Licenses required to run websites.)

Energy:

Electricity

Decisions:

- Working Time
- Quality of Product
- Customer Satisfaction Assurance.
- Technical Support Plan.
- Required Equipment and Material.

Output:

- Providing website programming, design and hosting services.

Outcome:

- Customer Satisfaction.
- Profits.
- Cultural Awareness about internet.

Factory Overheads:

- Web Server Rentals from Data Center.
- Upgrade and Software deployment.
- Maintenance Costs.
- Backup and Quality Control Costs.

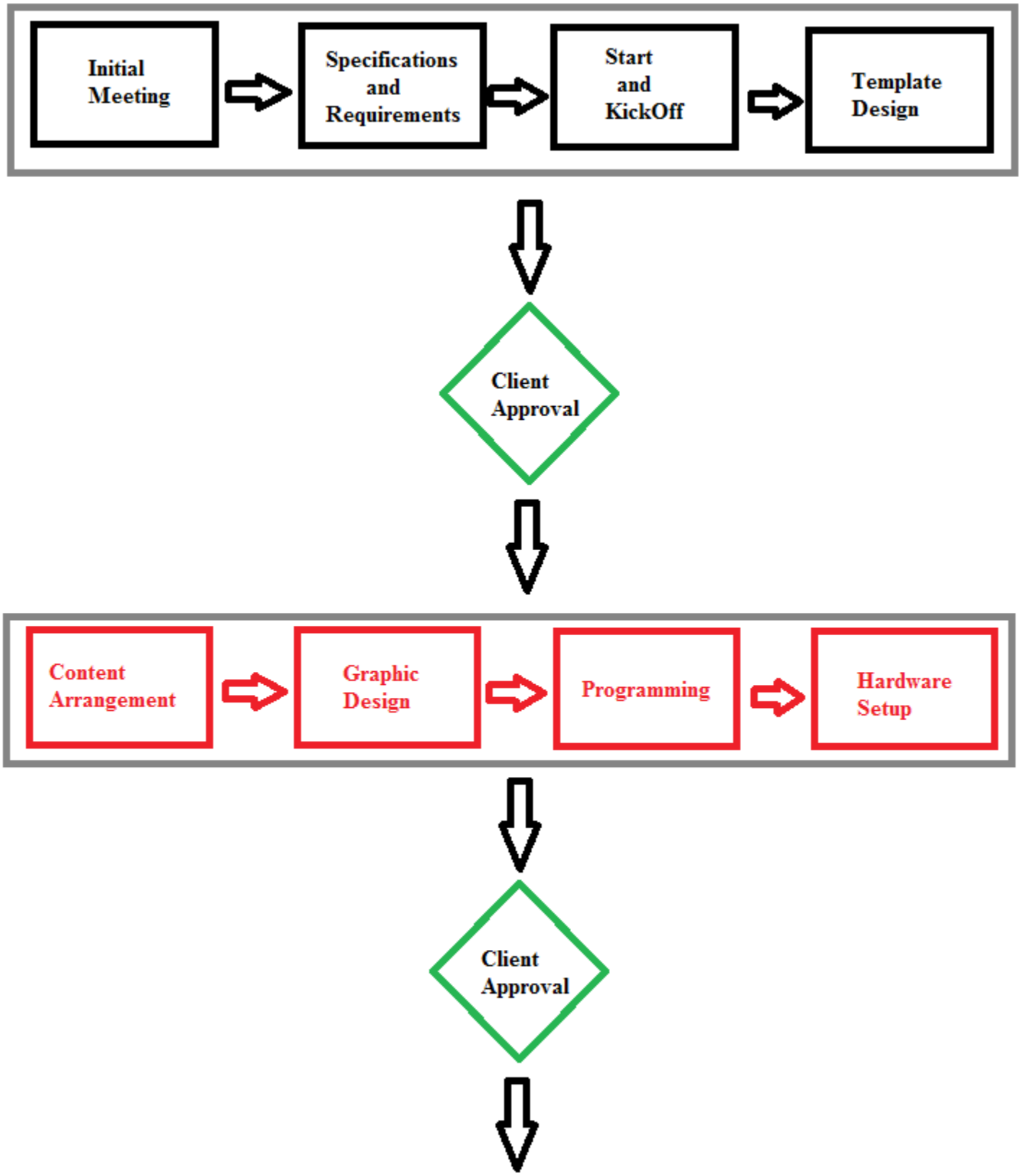
Company Overhead:

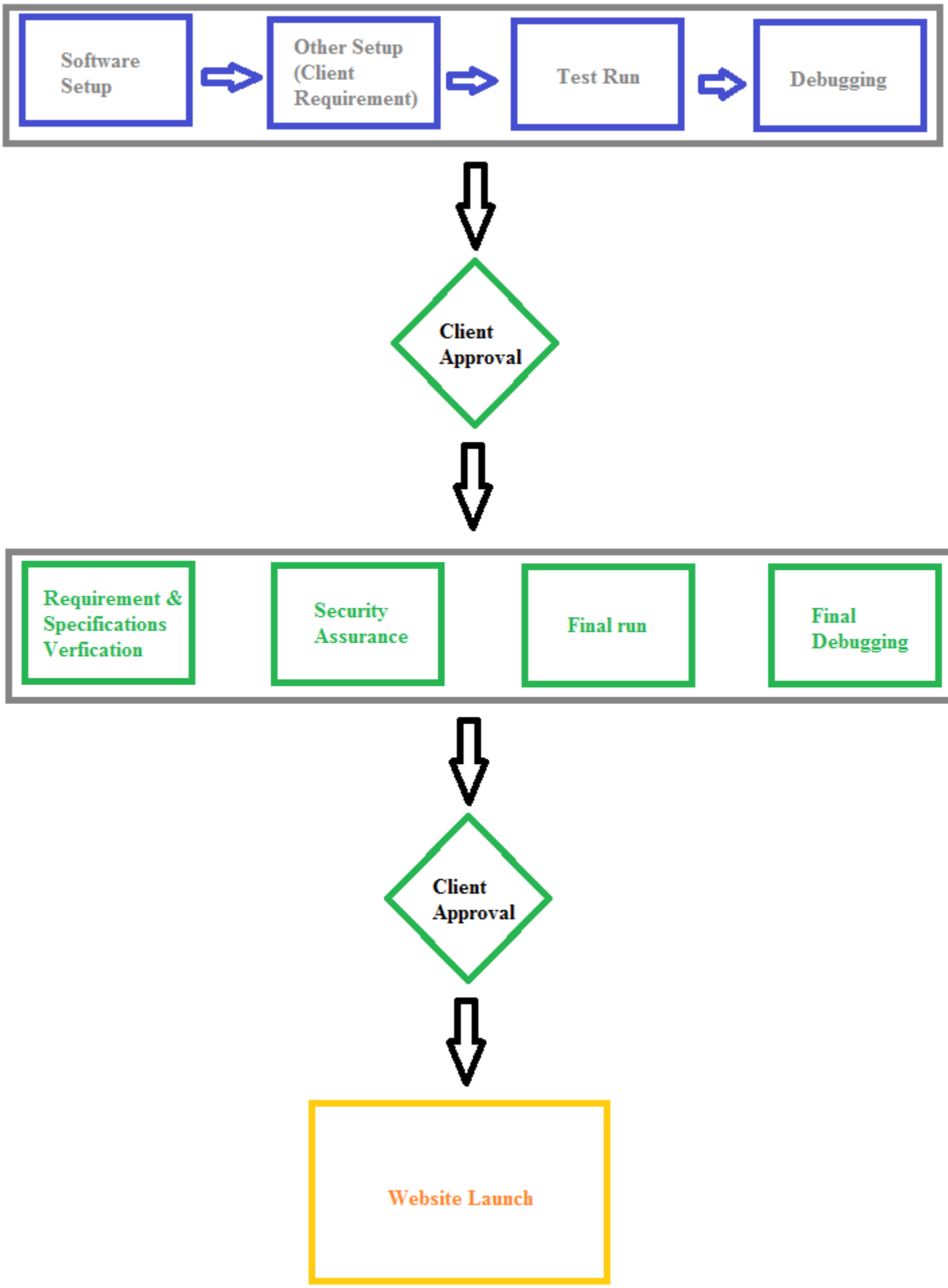
- Stationery.
- Internet & Telephony
- Workstations.
- Furniture
- Utilities

Marketing Overhead:

- Advertisement.
- After-sell services (Support).

Flow Chart:


Initial Meeting
Specifications and Requirements
Start and KickOff
Template Design
Client Approval
Content Arrangement
Graphic Design
Programming
Hardware Setup
Client Approval


Software Setup
Other Setup (Client Requirement)
Test Run
Debugging
Client Approval
Requirement & Specifications Verfication
Security Assurance
Final run
Final Debugging
Client Approval
Website Launch

System Cost:

1- Local Computers = $3000 / 3 years (Roughly $1000/ year).

2- Local Utilities (PDA / Storage Drives) = ($500 / year).

3- Server Rental = $200 monthly = $2400 / Year.

4- Software License & Other Fees = $500 / Year.

5- Data Center Technicians ($200/year).

6- Internet & Telephony ($2000 / year).

Total Cost = $6600 / Year.

Yes, we don't have any overheads!

This cost is calculated based on Single Server Capacity.
Currently, our server hosts 49 different websites.

Cost per website: 6600 / 49 = $135 / Year

Θ v = $135 per unit (Website/Yearly).

Average selling(rental) price of each website is KD 150 = $500 / Year.

Total Profit = (500 – 135) * 49 = $17885 = KD 5365 / Year.