Introduction

Scanned with CamScanner Traits of a Profession

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roui	Traits	OIIII	σ	SIUI

- 1. Varied activities requiring special skills
- 2. Society-centric motivation
- 3. Personal standards of excellence
- 4. Giving back to society

Scanned with CamScanner	
A professional behaves ethically	7

- LJ Ethics means something more than 'law' and 'morals'.
- L] It carries an additional connotation of 'rightness'.
- = Breaking the law: can earn a fine or jail time
- = Breaking amoral: can ruin your reputation
- = Breaking an ethic: can ruin your conscience

It's possible to break all three, simultaneously:

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Scanned with CamScanner Traits of a Professional

- L) Being a professional means that they are certain traits which are
- expected from you.
- LJ We will go through Each of them

Scanned with CamScanner
Trait # 1 of a professional: Seriousness

LJ Serious about job

LJ The job is only a job. A means to an end

Scanned with CamScanner Trait # 2 of a professional: Wanting to do better
LJ Exhibit a never-ending quest to improve their performance in every variable, every project, every relationship, and every
detail.
Scanned with CamScanner Trait # 3 of a professional: Dealing with the Unexpected
L) Stuff happens, things change, and the true professional rises to
the occasion
Scanned with CamScanner Trait # 4 of a professional: Communication Skills
L) Clear LJ Concise
LJ Confident
Scanned with CamScanner Trait #5 of a professional: Enthusiasm
UL) Attitude is everything. Those who exhibit enthusiasm for what they do and greet each day with a positive attitude inevitably
become a leader
Scanned with CamScanner Trait # 6 of a professional: Helpfulness
LJ Understand that real success in the workplace requires teamwork LJ Always ready to lend a hand LJ Make a suggestion
LJ Offer a compliment when it's deserved

Trait # 7 of a professional: Taking the Initiative
LJ Takes the initiative to get things done
Scanned with CamScanner Trait #8 of a professional: Cool under Pressure
LJ Level headed and calm
LJ Cheerful demeanor-even under stressfwl times
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yy NY Vis
Scanned with CamScanner Trait # 9 of a professional: Remains Focused
LJ Stay focused on the task at hand and the goal ahead
L) Navigate through obstacles or setbacks but never lose sight of where they headed
Scanned with CamScanner Trait # 10 of a professional: Don't Follow, Lead
LJ True Professionals aren't faint of heart
LJ Analyze the situation and willing to take new paths and try new
solutions
LL) That's why they call it LEADERSHIP:
Scanned with CamScanner Applying Professionalism in Real Life
Scenario #1

L) You are the owner of a software engineering company. Your

employees (engineers) want you to pay for them to attend training.
LJ How would you respond in a way that is legal, moral, and
ethical? Q
I VF uw
Scanned with CamScanner Scenario #2
L)J You are the owner of a software engineering company. Your employees (engineers) want you to let them do pro bono work
for a local non-profit organization on company time.
LJ] How would you respond in a way that is legal, moral, and
ethical?
Scanned with CamScanner Scenario #3
L) You are a software engineer at a company where management routinely encourages you and your colleagues to use pirated
software.
L} How would you respond in a way that is legal, moral, and
ethical?
Scanned with CamScanner Introduction
L) Law: Rules that mandate or prohibit certain behavior in society.
L) Moral Values:
The fixed moral attitudes or customs of a particular group

L) Ethics:
» © Define socialy acceptable behaviors.
CR
Scanned with CamScanner Code of Ethics
LJ Established by various professional organizations = Produce a positive effect on judgment.
= Establishes responsibility of professionals to act ethically according to the policies and procedures of their employers,
professional organizations, and laws of society.
= Organizations assume responsibility to develop, disseminate,
and enforce policies.
mete =
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ed with CamScanner
Scann Code of Ethics' Goals
Provides an aid to individual decision making, presentation addresses nine different cases (with some overlap).
() Intellectual property
CJ Privacy
L} Confidentiality LJ Professional quality
LJ Fairness or discrimination
QO) Liability

Bh epoftware risks

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IEEE Code of Ethics

LJ IEEE Code of Ethics: Actions

- 1. PUBLIC Software engineers shall act consistently with the public interest.
- 2. CLIENT AND EMPLOYER Software engineers shall act ina manner that is in the best interests of their client and employer consistent with the public interest.

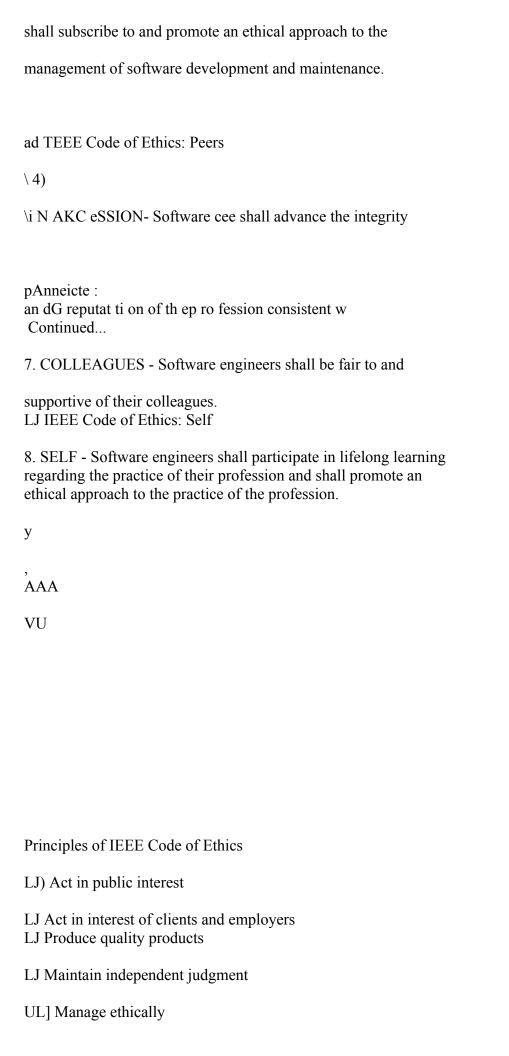
EE Code of Ethics: Products

ftware engineers shall ensure that their products

Scanned with CamScanner Continued...

LJ IEEE Code of Ethics: Hierarchy

- 4. JUDGMENT Software engineers shall maintain integrity and independence in their professional judgment.
- 5. MANAGEMENT Software engineering managers and leaders



LJ Protect integrity of profession
LJ Support colleagues
petens learning
Scanned with CamScanner ACM Code of Ethics
General moral imperatives: "Asan ACM memberI will" LJ Contribute to society and human well-being.
(J Avoid harm to others.
LL) Be honest and trustworthy.
O) Be fair and take action not to discriminate.
QO) Honor property rights including copyrights and patents.
QO) Give proper credit for intellectual property. ¢
spect the_privacy of others.
spect the_privacy of others. Scanned with CamScanner specific professional responsibilities: "As an ACM computing
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Scanned with CamScanner specific professional responsibilities: "As an ACM computing
Scanned with CamScanner specific professional responsibilities: "As an ACM computing srofessional I will":
Scanned with CamScanner specific professional responsibilities: "As an ACM computing srofessional I will":) Strive to achieve the highest quality, effectiveness and dignity in both the process and products of professional work. - Acquire and maintain professional competence. Know and respect existing laws pertaining to professional work.
Scanned with CamScanner specific professional responsibilities: "As an ACM computing srofessional I will":) Strive to achieve the highest quality, effectiveness and dignity in both the process and products of professional work. - Acquire and maintain professional competence. Know and respect existing laws pertaining to professional work. - Accept and provide appropriate professional review.
Scanned with CamScanner specific professional responsibilities: "As an ACM computing srofessional I will":) Strive to achieve the highest quality, effectiveness and dignity in both the process and products of professional work. - Acquire and maintain professional competence. Know and respect existing laws pertaining to professional work. - Accept and provide appropriate professional review. -1 Give comprehensive and thorough evaluations of computer system and their

nputing and communication resources only when authorized to do so.

Scanned with CamScanner Compliance with the Code: "Asan ACM member, I will:" LJ Uphold and promote the principles of this Code.
LJ Treat violations of this code as inconsistent with membership in
the ACM.
Ethical decision making: Cose 1
Ethical decision making: Case 1
L) Aliisa database programmer
Large statistical program needed by his company. Company programmers are encouraged to publicize their work
LJ Ali has found himselfstuck ona problem
He has persisted at this for several months. His manager does not recognize complexity of problem.
She insists job be completed in the few days.
L) Ali remembers:
, LY fnother company
Co-worker had given him source listings of their current work.
,.
q
, He alsochas an early version of commercial software developed at
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L) Alistudies these programs

Sees two areas of code which could be directly

incorporated into his own program

He uses segments of code both from his coworker and

from the commercial software

LJ He does not tell anyone or mention it in the documentation.

) He completes the project and turns it in a day ahead of time.

ow does the Code of Ethics help us understand this case?

Scanned with CamScanner Applying the code: Case |!

WL) This case highlights issues involving intellectual property

WL) Ali violated professional ethics in two areas:

1. Failure to give credit for another's work

2. Using code from a commercial package that was

copyrighted

UL If Ali only "looked" at co-worker's source code:

Could he then write his own program and still have an

aOhhication to give credit?

e should have acknowledged credit in documentation.

Scanned with CamScanner Continued...

L] Use of commercial software code was also not appropriate:

Ali should have checked to determine whether or not

company was authorized to use source code before using it.

1) In general:

Desirable to share and exchange intellectual materials

But using software is definitely a violation of code.	
Ethical decision making: Case 2	
L) Aisha's company has been hired by a client to build security system. Because of cost overruns, client has decided to opt for a less secure	
system. LJ Aisha believes information they will store is extremely sensitive. L) With weak security: Employees on workstations could figure out how to access this data.	
Online intruders would also have access	
- Aisha feels strongly that system should be muchmore secure.	
ac has tried to explain the risk.	
ae - Aa 'ingest jould Aisha SO? Should she refuse to buildthe system as Same	
Applying the Code: Case 2	
) This case highlights issues involving privacy.	
LY Company officials:	
Have an obligation to protect privacy of their employees. Therefore they should	
not accept inadequate security. LJ Aisha's first obligation: Attempt to educate company officials	
If that fails, she needs to consider her contractual obligations in honoring	

f don't have Aisha's contract, but she may have to choose between her

assigned responsibilities.

md herobligation to honorprivacy and security.

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Ethical decision making: Case 3

_) A contractor is determining requirements for an employment agency.

LJ Client describes what is needed when displaying applications

whose qualifications appear to match those for a particular job

) Client also further states that names of white applicants are to

be displayed ahead of nonwhites

Applying the Code: Case 3

LJ Thiscase highlights issues involving faimess and discrimination. In this case,

system designer is asked to build a system that, it appears

LJ Will be used to favor white males and discriminate against non-whites and

females

Li} From this is would appear that:

System designer should not do what he or she is told, plus

Should also point out the problematic nature of what is being requested

and ask client why this is being done

Ey If client answers that they plan to use information to favor white males, then:

vl

AND

mputer professional should refuse to build the system as proposed.

Ethical decision making: Case 4
LJ A software development company has just produced a new software package.
L} It incorporates new tax laws and prepares both individual and small business
tax returns
L) The president of the company knows that the program has a number of bugs
L) He also believes the first firm to put this kind of software on the market is likely to capture the largest market share.
L) The company widely advertises the package.
a When the product is shipped, it includes a disclaimer of responsibility for
I
zors resulting from the use of the program.
en M7
Scanned with CamScanner LJ] The company expects it will receive a number of complaints, queries, and suggestions for modification. The company plans to use these to make changes and eventually issue updated, improved and debugged versions. The president argues that this
is general industry policy:
LJ "Anyone who buys version 1.0 of a program knows this and will
take proper precautions."
_) Because of bugs, a number of users filed incorrect tax returns
and were penalized by Rev Canada.
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Organization	
LJ Impossible to live in a civilized society without close contact	
with many large organizations	
LJ Like schools, universities, public utilities, government and	
local government departments, the Health Service, commercial	
and industrial companies, and so on.	
LJ In many ways, these organizations resemble each other.	
I 'ab Hh 7	
Scanned with CamScanner Legal Form of An organization	
LL) Law recognises individuals = Enter into contracts	
= Tried for crimes = Sued	
= Act of Parliament impose duties on the individual etc	
LI Incorporation	
» ." Making into a body (Corpus)	
rocess known as incorporation. —	
Scanned with CamScanner	
Incorporated Organisations	
LJ Incorporated * Royal Charters -IET, BCS, IMechE, RAeS " Acts of Parliament — Ceredigion County Council	
, 2 »" Public or Private Companies (Companies Act 1985 and 1989)	
i =	

UW Inflexible in Normal Commercial World

= Accountants

¢ no Movement of key Personnel
\VT Th
vey x , "Loorisky —
Companies
L) Public or Private Companies
Public — Public Limited Company (PLC) LI Trades shares to public
= Private -Company Limited (Co Ltd) LiCannot sell shares to Public LiCan sell shares privately LI Limited by Shares L}Commercial Companies LILimited by Guarantee
LICharities, Profiessional Bodies LI Unlimited Companies)
Companies (Contd)
LI Independent Existence
_) Divided #® Shareholders
*" Or Members of the Company
LI Normally > 1 shareholder
11992 Act allows single member
1.
be
Se
Company Constitution
Share Capital Company Constitution

Directors responsibilities =age 1 Scanned with CamScanner 1. Share Capital WL Shareholders (Subscribers) own Company UL) At start of Company = Authorised share capit: . LJNumber & Nominal (par) V .tue LISay 100 shares @ £1 LIIf debts > assets Shareholder lose shares ay Scanned with CamScanner 2. Company Constitution a. Memorandum of Association a. Controls External Relations b. Articles of Association a. Control Internal Relations hareholders Agreement Vi Wa a. Memorandum of Association LI Company Name = Restrictions LI Country of Registration = England & Wales, Wales, Scotland LI Objects of Company = Companies Act 1989 allow general commercial company LIA Liability Clause

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t
* Liability of members is limited
thgqweedkS hare value
Mominal Share Value and Number
Ai'
Scanned with CamScanner
< viD-202
LJ Rules of Share capital
LJ Transfer of Shares
L) Meetings of Members
LJ Rules Governing Directors' Appointments
L) Power of Directors
L) Dividends and Reserves
( i»
VL,
Scanned with CamScanner
Scanned with CamScanner
c. Shareholders Agreements
LJ Protect interests of minor shareholders
LU) Article of Association
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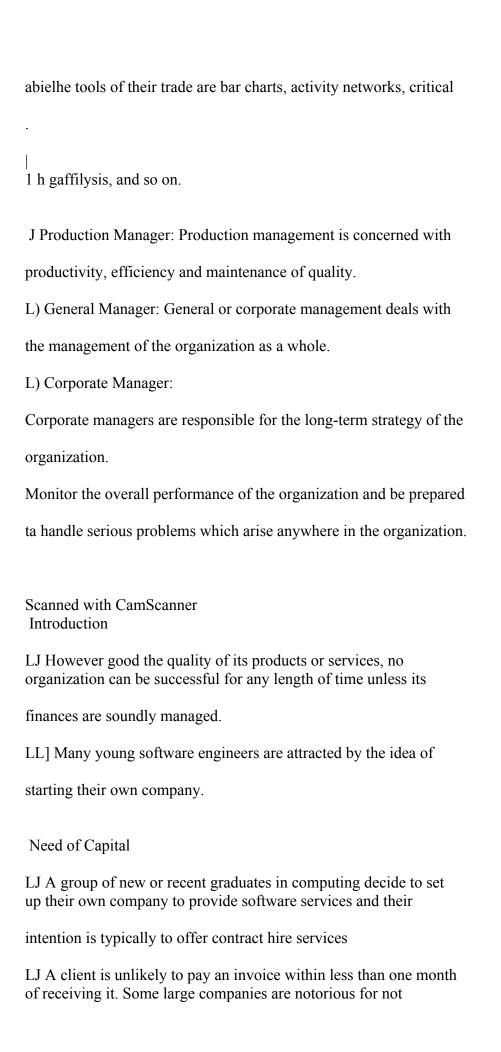
= Changed at General Meeting

= Needs 75% majority LJ Agreement Between Shareholders = All must sign = Can govern way voting is done 3. Directors Responsibilities L) Directors Elected by Shareholders = Act In best Interest of Company = Honest =" Declare Interests = Aware of Company's Trading Position " Executive & Non-Executive Directors L} Company Secretary 'il 7 Could be Director 1 Ws Functional Units of An Organization Five groups of functions exist in almost any organization: 1. Production: Activities that directly contribute to creating the products or services that the company sells. 2. Quality management: Quality - ztivities necessary to ensure that quality of the products and services produced s maintained at the agreed level. 3. Sales and Marketing: Sales is concerned directly with selling the product, while marketing is concerned with establishing the environment in which the product is sold (e.g. through advertising) and with deciding how the range of Da | icts sold by the company should develop. rad aft

Nini Za);

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rr ministration: To pay bills, to look after its funds, All
5. Research and development: How can the company do better the things that it already
Does and what other things might it profitably be doing?
Geographical organization:
An organization operates in more than one country.
The most obvious examples are in the field of food and drink.
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I! TL
Scanned with CamScanner Centralization v. decentralization
LJ In a centralized organization, the detailed operational decisions
are taken at the centre.
LJ In a decentralized organization, as many details as possible are
settled at local level.
Management
() Mangers of organization can project manager, production
manager, general manager & Corporate manager.
Q) The goal of project managers is to produce systems which meet
the users' needs, on time and within budget.
L] Their main concerns are therefore planning, progress monitoring, acquisition and allocation of resources, and quality
control.



paying invoices for as much as six or even twelve months.
LJ There will be a need to have some money with which to start
e the venture.
Scanned with CamScanner Need of Capital (continued)
L) The group needs enough cash in hand to be able to live for at least three months. Additional money will be needed for the
expenses of starting the company
LJ For large projects or packages, a much larger sum of money is likely to be needed while they are being developed because
there will be no revenue coming into the company.
Need of Capital (continued)
LJ For starting period cash will be needed for: = Salaries
" rent rates, heating and lighting of the premises used
= equipment and consumables= costs of advertising and marketing the products
= miscellaneous expenses, ranging from company stationery
to travelling expenses
Need of Capital (continued)
LJ How does one set about raising this money? The first step is to
produce a business plan.
LJ It typically contains:
= adescription of what the company will be doing, together with information to show that it is technically feasible and
that founders of the company have the necessary expertise = an assessment of the size of the market and the competition
a prediction of the financial performance of the company

Scanned with CamScanner Sources of funds
L) They can be grouped into:
= Grants
Loans
" Sale of Equity
Grants
O) A grantis asum of money given to the company; while the company is obliged to demonstrate that it has been used for the
purposes for which it was intended, it is not intended that the
grant should ever be paid back to the organization which gave it
UL) The availability of grants and other help for new companies depends very much on where the company is located, how
many people it expects to employ, and on government policy at
Scanned with CamScanner Loans
L) A loan is asum of money lent to the company; interest is payable on it, at a rate that may be fixed or variable, and the
loan is usually for a fixed period
_] The company is liable to pay back the loan and, if the company goes into liquidation, the lender 1s entitled to recover the loan
from the sale of the assets of the company.
LJ In most cases, security is required for the loan
Scanned with CamScanner Sale of Equity
UL) Equity capital is money paid to the company in exchange for a
share in the ownership of the company
L) Shareholders are at a much greater risk of getting a poor return

on their capital or even losing it completely than are lenders but, in compensation for this, they stand to make a greater profit than lenders if all goes well

Scanned with CamScanner

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- L) A budget is a prediction of the future financial position of an organization covering, usually, the current or the next financial year
- L) The ordinary manager in a company is, however, much more concerned with budgeting for income and expenditure
- LJ Budgeting is an iterative process

Budgeting & Monitoring

UL The first version of the budget is likely to show expenditure exceeding income, since the operating managers will want to expand their operations while the sales and marketing department will not wish to give hostages to fortune by being over-optimistic about the volume of sales it can generate. Adjustments will have to be made repeatedly until a situation 1s reached in which budgeted sales exceed budgeted expenditure with a reasonable profit margin; the operational managers are happy that they can service the predicted

» « svolume of sales with the budgeted staff levels; andthe salesmen are

ey can produce the predicted sales

Scanned with CamScanner Working Capital & Cash Flow

LJ} It is perfectly possible for a company to be consistently profitable and yet be unable to pay its bills
LJ Accounting normally operates on an accrua/ basis LI The value of work in progress
LJ It is usual to negotiate stage payments rather than leaving all
payment until the work is completed.
Hen
Scanned with CamScanner Working Capital & Cash Flow (continued)
J Cash has therefore to be found to cover the gap between what a company has to pay out in cash and what it receives in cash—working capital
LJ A document "cash flow prediction" is the amount of cash
expected to be received an.' disbursed in each of the next twelve
months
J The bank specifies the maximum that can be borrowed on an
verdraft but interest is only payable on the amount actually
Scanned with CamScanner Week 7 Topic: Intellectual Property Rights
LJ Introduction
LJ Confidential Information
L} Patents
L) Copyright
LJ Acts permitted in relation to copyright _} Remedies for breach of Copyright

ul } Plagiarism
ih
Scanned with CamScanner Introduction
LJ Intellectual property rights are often the most valuable assets
owned, used and developed by a software house.
L] Intellectual property rights include:
#" Confidential information = Patents
=" trade marks
" Designs
? pi Copyrights protecting computer programs @&≪€€
Scanned with CamScanner Introduction (continued)
_) They protect information stored by electronic means and all of the paperwork which accompanies a program, such as the user manual, plus any multimedia packages and most items on the
Web.
L) Great care should be taken to protect, exploit and enforce
intellectual property
qi
Introduction (continued)
_] The name under which a product is sold may be registered as a
trade mark
_] the hardware or a process used in its manufacture may be

protected by a patent
LJ the look of the product may be registered in the Designs Registry
L) software can be protected by copyright
LJ the know-how which goes into the development of the product
ted as confidential information
Scanned with CamScanner Introduction (continued)
LJ Unauthorized use of intellectual property can be stopped by injunction and damages may be sought for infringement of
these rights LJ The law is constantly changing with technological advance
LJ General Agreement on Tariffs and Trade (GATT) concerned the protection of intellectual property rights in the face of
_ Wanrepread piracy of software products
(co
Confidential Information
QC) Information "which is not public property and public knowledge"
QO) Any category of information, from personal confidences, to trade secrets and sensitive government information, any or all of which a computer scientist might handle in the course of his or her work, or all or any of which a firm may want to protect against unauthorized use
or disclosure by others
L) Information will be protected only if it is confidential. Non-confidential information, unless protected, e.g. by copyright or a
* natent is deemed to be in the public domain and can be used by

Scanned with CamScanner Confidential Information

LL) Three conditions must be satisfied before an action for breach

of confidence can succeed:

- = the information must be confidential
- = the information must have been disclosed in circumstances

which give rise to an obligation of confidence

= there must be an actual or anticipated unauthorized use or

disclosure of the information

Week 6 Topic: Human Resource Management

LJ Introduction

CL) A model of Human Resource Management

UL) Training and Human Resource Management LJ Health and Safety at Work

UL) Health and Safety Act 1974

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Scanned with CamScanner Introduction

LJ It is a function in organizations designed to maximize employee

performance in service of an employer's strategic objectives

LL) Management of people, staff training and development with a strategic approach suggest that human resource management is

particularly appropriate for software work

A model of human resource management LI A corresponding commitment to the organization is expected from employees. They are therefore autonomous in the sense of, to some degree, managing themselves. LJ Human resource management is the responsibility of all managers LJ Maximum utilization of human resources available to the * enterprise. ~dge4

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Scanned with CamScanner i-Long-term, strategic and proactive in style

LJ) The problems associated with personnel in an information technology environment require a disciplined approach to establishing numbers of staff; the utilization of personnel; the development and education of employees, together with the construction of comprehensive human resource management

policies that are not only responsive to immediate needs but

also are building blocks for the medium- and long-term C

orate requirements

Scanned with CamScanner

2-Commitment to the organization

CJ The real challenge is to shift employee attitudes from mere

compliance with rules at work to communent and sen
motivation
L) This signifies a commitment to staff development as part of the "learning organization" and firm-specific skills that are less
transferable between firms. Skills include attendance,
flexibility, responsibility, discipline, identification with the 0
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im MY
mpany and, crucially, work-rate.
a
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Week 4 Topic: Anatomy of Software House
WU Introduction
LJ The Company (Software House) LJ Structure of Company
L) Management of Staff
LL) Producing the budget
LJ Monitoring Financial Performance

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LJ Long term Planning
Fila
fi OW nclusiens
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Introduction (The Company)
LJ A Hypothetical company
UL) Syniad Software Ltd was founded some ten years ago by four
friends.
LJ All four are members of the Board of Directors, along with two
others who were recruited later.
LJ The company specializes in the production of bespoke software
for clients who demand work of high quality.
avi yniad's head office is in London. Other offices are in Man-
1
' 1'ehh, Delft, Netherland.
Operations Director
LL] The Operations Director is responsible for all the revenue
earning operations of the company.
LJ It is his job to ensure that all projects are completed
satisfactorily
LJ And resources are available to carry out the projects that the
company wins;
LJ The personnel reports to him.
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VT |

Technical Director

The Technical Director is responsible for:

- LJ Quality management;
- L) Research and development;
- LJ Marketing at a technical level (e.g. arranging for staff to give papers at conferences)
- L) Technical training (as opposed to training in, say, project management or presentational skills, which are the

¢ ponsibili

We

of the personnel function).

Syniad's Organizational Structure Type

- L) shows elements of all three of the types of organizational
- structure.
- 1. Functional division of responsibilities
- 2. Geographical element (represented by the director responsible

for overseas operations)

3. Centralization and decentralization has little meaning (Centralized policies and procedures are widely used but they

1) at ve usually been developed within one part of the company and
if VG bye been adopted by general consent.
wns (e[=0/
Scanned with CamScanner Centralized vs. Decentralized] In theory, staff have a sense of belonging to a group and regard their
group manager as the manager who is permanently responsible for
their career in the company.
] In practice, because projects often require expertise from more than one group, staff often find themselves working on projects fot
groups other than the one to which they belong.
JIn a company of the size of Syniad, the distinction betweer
centralization and decentralization has little meaning. Centralizec ϕ
ies and procedures are widely used but they have usually beer
d within one part of the company and have been adopted by iat (e LA)
Scanned with CamScanner
oeneral cancent Management of staff
L} New employees vs. Old employees OUTSIDER
Staff Appraisals:
LJ Employees' achievements and contributions to the company
were properly recorded;
LJ Staff knew what was expected of them and what they needed to
achieve in order to gain promotion;
_] Proper plans for training and career development were made and 0 a

r 4 wy BS ng fees. were aware of the company: opinion of their
sularly reviewed;
-
Ise SU aaa Sl
. ee ee
nertormane Producing the Budget
LI) Staff in the company are broadly divided into
1. Technical or Revenue earning staff and
2. Nonrevenue earning staff
WL) Both require different capital to work.
уу
VW
Monitoring Financial Performance LI Monitoring Syniad's performance against the budget should, in principle, be straightforward.
LJ Each month, the income and expenditure under the various heads are compared and, if significant deviations are observed,

corrective action is taken.

LJ In practice, this simple procedure presents many difficulties.
L To monitor financial performance, company focuses on;
Cost& Revenue
Page11
Scanned with CamScanner
ed with CamScanner
Scann 1. Costs and revenue
LJ A major problem is caused by random fluctuations, themselves
the product of many individual factors, for example: 1. Annual Budgetn Staffhiring 2. Large projects cause deviation in Budget
3. Fixed Price ProjectEstimation
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Scanned with CamScanner 2. Project costing
LI Because of these difficulties in monitoring the overall performance of the company, Syniad also tries to monitor the financial performance of individual projects, through a project
costing system.
LI The costs and revenue of each project are calculated each month and the cumulative gross margin (i.e. the difference between total costs and total revenue to date on the project)
» © calculated as a percentage of the total revenue.

He rages: Mis system does not work well. AT
Scanned with CamScanner 3. Sales (Continued)
. The confirmed sales report shows, for each grade, the number
of staff in that grade who are committed to contracts in each of the following twelve months and the total expected revenue
from that grade in each month.
2. The sales prospects report shows, for each sales prospect, the potential value of the sale, its likelihood and the likely start date.
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fi
Scanned with CamScanner 3. Sales
() The budgeted increase in revenue derives partly from increased charge rates, partly from better staff utilization and partly from
an increased number of staff.
L) All these factors are influenced by the forward sales position, that is by the staff required and the rates earned on the work to
which the company is committed in the coming months.
L] Two reports are used for assessing and monitoring the sales
i
rosIition.
! Ab LU
Long Term Planning
LJ Strategic Planning for future
O) The ability to plan strategically and to achieve strategic objectives

is the hallmark of well run, successful companies.L) Strategic planning in Syniad has two related aspects.1. The first is to identify appropriate long-term goals
2. Second is to identify and formulate plans to overcome
those problems which are inhibiting it from attaining these
Scanned with CamScanner Conclusions
C) Syniad, despite its problems, is a successful and well-managed
company, however, they need to go multinational.
C) Do directors have the expertise to manage this transition or to run the resulting company?(agreements for collaboration with
comparable companies)
LJ Syniad has now reached a point where it can no longer thrive as
, a private company and its future must, inevitably, be very
ferent from its past.
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Long Term Planning involves
LJ Expansion Plans L) Company Image LJ Product mix (Fee based revenue vs. Package Software)
LJ Finance (under-capitalization)
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