SOFTWARE ENGINEERING
PROJECT
GROUP NO:4
An Application for NUPT's sports club

ACKNOWLEDGEMENT

We are in 5th semester now. We have a software Engineering course in this term. At the beginning of this course we have been given a project by our honorable Professor "ZHENG LIU ROBERT"

…….. And today is the final day for presenting our project.

GROUP: 4

About our team Members

- 1.Asif Mohammed

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- 2.MD Nasir Uddin

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OUR APPLICATION NAME

NUPT'S SPORTS CLUB

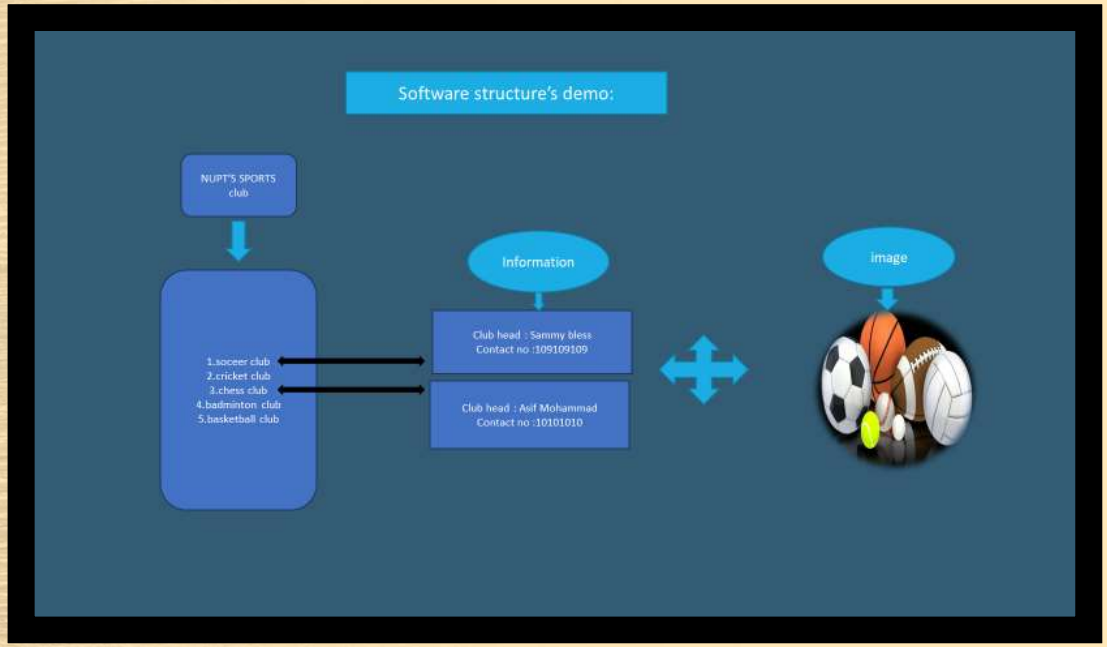
:

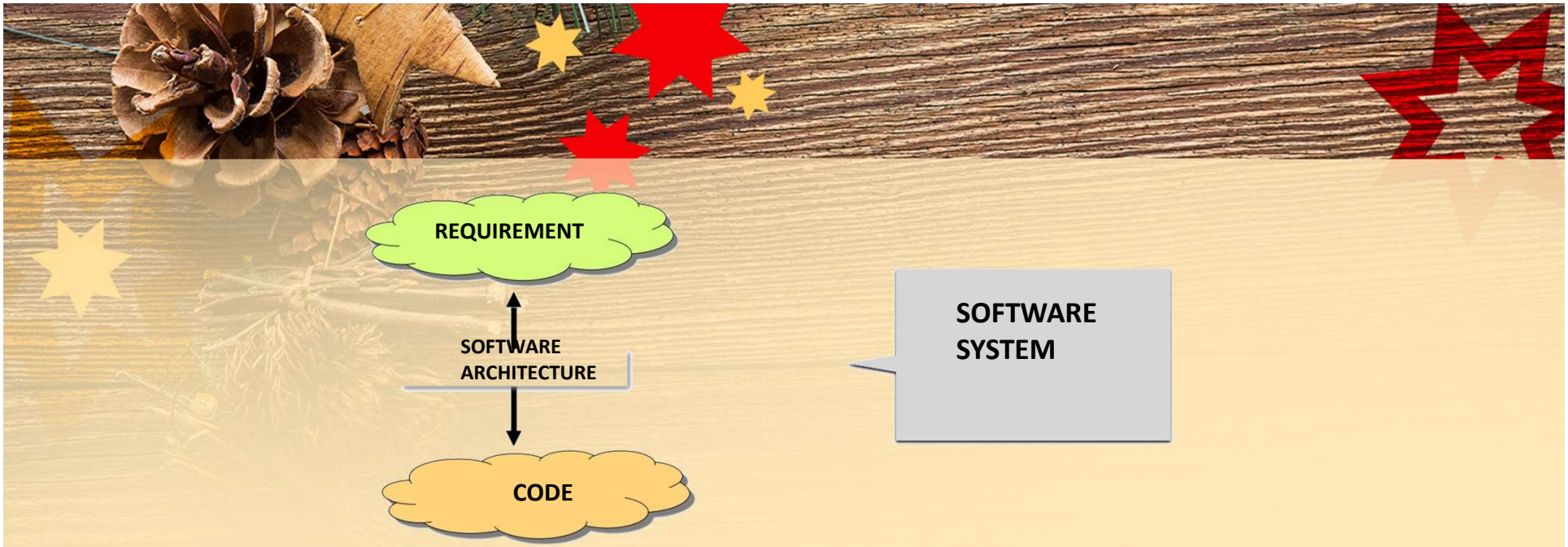
1.

AIM AND AMBITION :

* INCLUDING SCHOOL'S GAMING CLUB'S NAME
*AND THEIR INFORMATION

OUR PROPOSAL DEMO WAS:

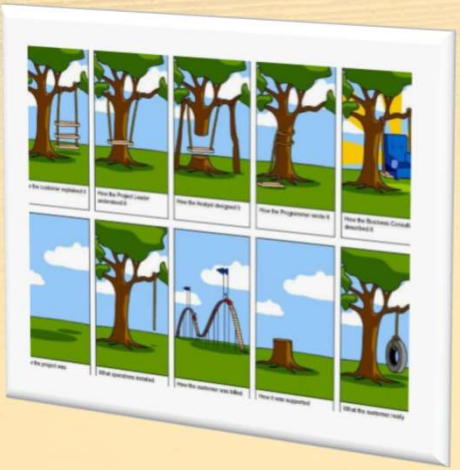




The basic problem: from requirements to code

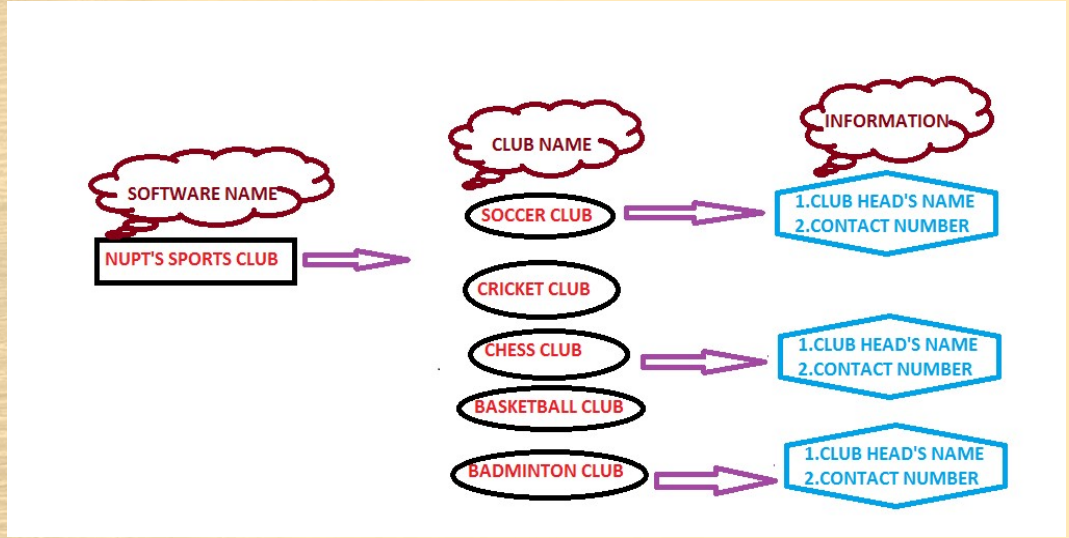
DESIGNING :

software
design
application
usability
content
problem
plan
architecture
marketing
quality
process
developer
traffic
page

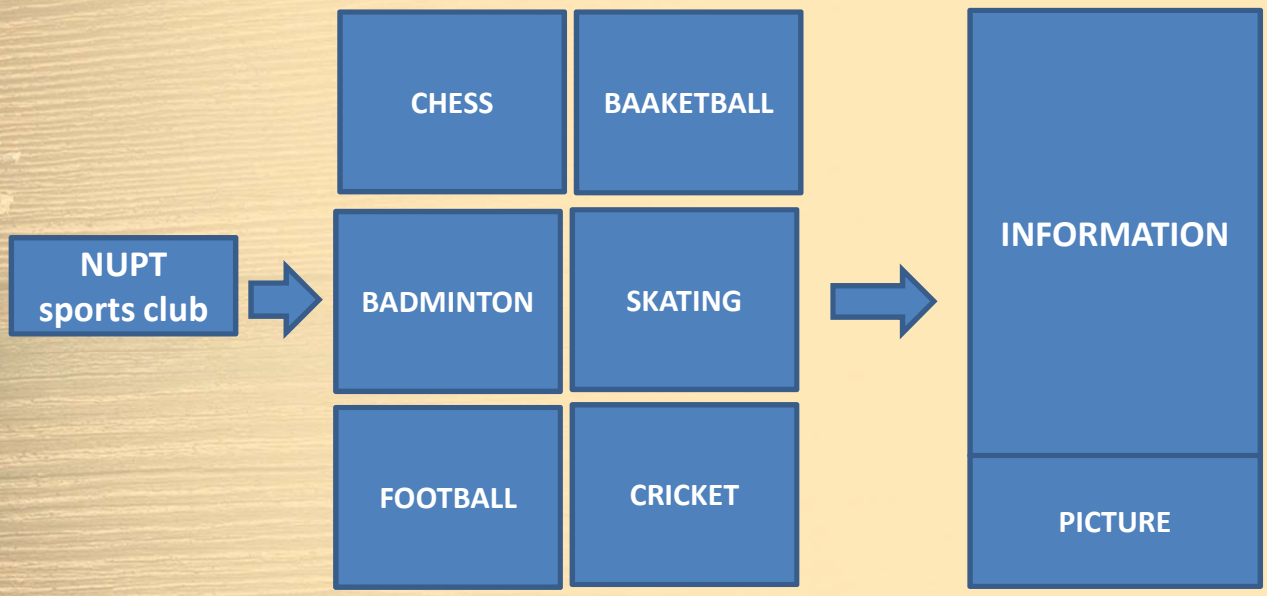


SOFTWARE DESIGN

DESIGN PATTERN:



ABSTRACT FACTORY PATTERN:



Software Architecture:

"There are two ways of constructing a software design: one way is to make it so simple that there are obviously no deficiencies; the other is to make it so complicated that there are no obvious deficiencies."

- C.A.R. Hoare (1985)

Sizing Modules: Two Views

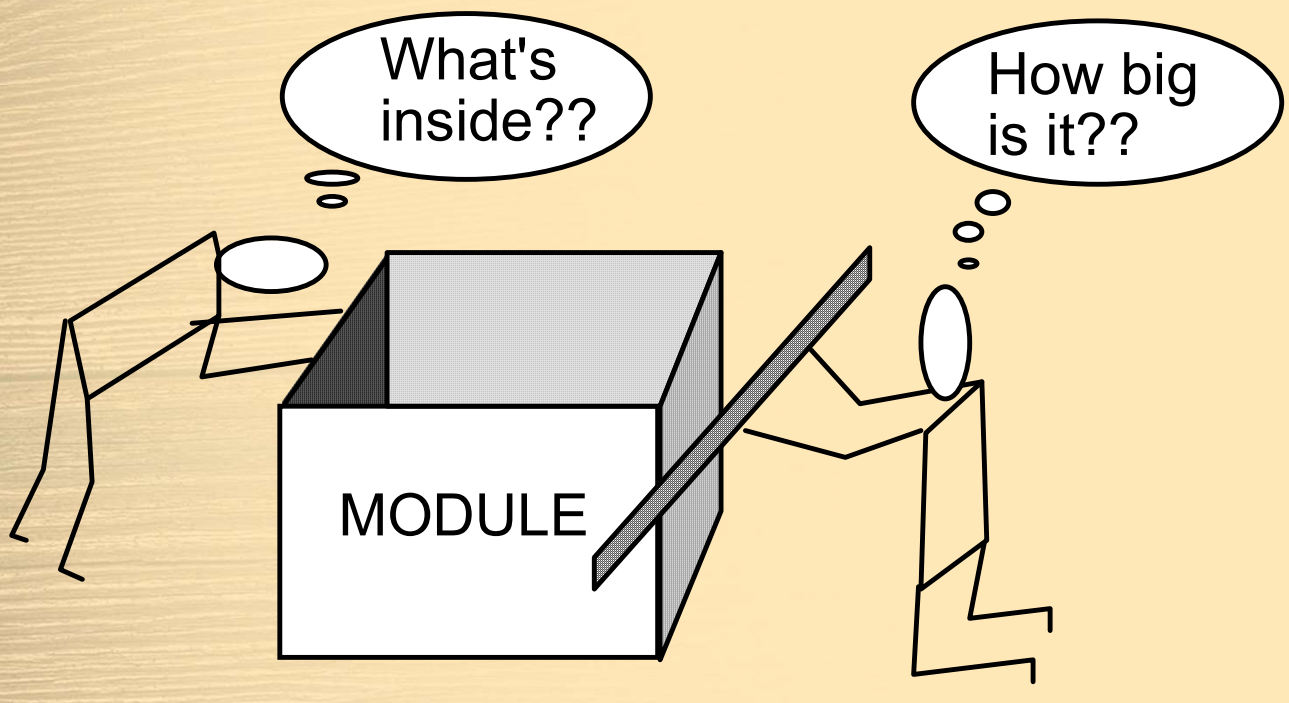
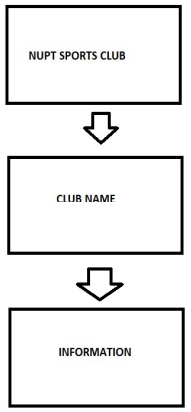


DIAGRAM :



UML DIAGRAM:

+ MyAdapter extends PagerAdap...

fields
- images : ArrayList<Integ...
- infla... : LayoutInfla...
- cont... : Context

constructors
+ MyAdap... (conte... Context , images: ArrayList<Integ...)

methods
+ destroyItem (contain... ViewGro... , positi... int , obje... Obj...) : void
+ getCo... ( ) : int
+ instantiateIt... (view: ViewGro... , positi... int) : Obj...
+ isViewFromObj... (view: View , obje... Obj...) : boole...

+ properties extends AppCompatActi...

fields
- mPager : ViewPa...
- currentPa... : int
- fin... chess : Integ...
- fin... basketball : Integ...
- fin... soccer : Integ...
- fin... scati... : Integ...
- fin... badmint... : Integ...
- fin... cric... : Integ...
- XMENArray : ArrayList<Integ...

constructors

methods
onCreate (savedInstanceSta... Bun...) : void
- i... ( ) : void

+ MainActivity extends AppCompatActi...

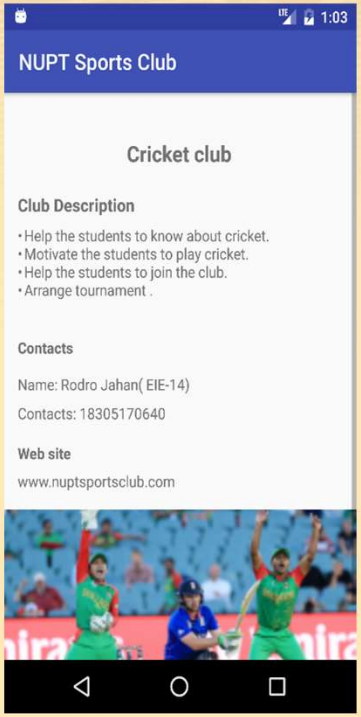
fields
~ ChessTitle : String
~ ChessDeck : String
~ ChessLeader : String
~ ChessPhone : String
~ BasketballTi... : String
~ BasketballDe... : String
~ BasketballLea... : String
~ BasketballPho... : String
~ SoccerT... : String
~ SoccerD... : String
~ SoccerLea... : String
~ SoccerPho... : String
~ SkatingTi... : String
~ SkatingDeck : String
~ SkatingLea... : String
~ SkatingPho... : String
~ BadmintonT... : String
~ BadmintonD... : String
~ BadmintonLea... : String
~ BadmintonPh... : String
~ CricketTi... : String
~ CricketDeck : String
~ CricketLea... : String
~ CricketPho... : String

constructors

methods
onCreate (savedInstanceSta... Bun...) : void
+ OnClick (view: View) : void

OUR APPLICATION MAIN FEATURE

OUR APPLICATION FEATURE



TEAM PLAN AND PROJECT SCHEDULE:

MATERIALS:

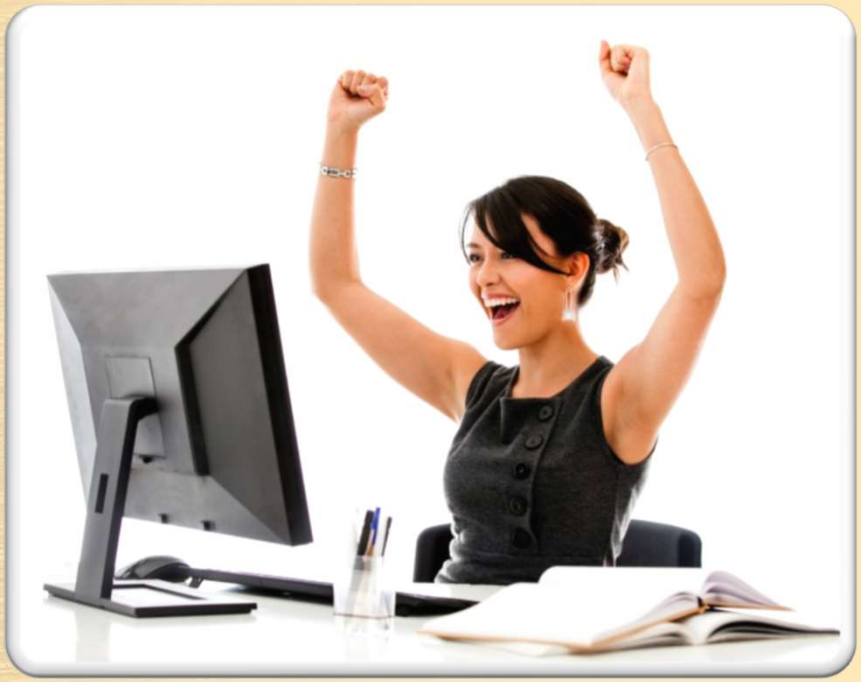
- We used to create the APP-

- ❑ Java
- ❑ Photoshop
- ❑ Android studio

RISK ASSESMENT :

DIFFICULTIES:

PROBLEM SOLVING:



DEVELOPING AND FUTURE PLAN:

"My team has created a very innovative solution, but we're still looking for a problem to go with it."

CONCLUTION :

We have been tried of our best to specify the whole design and process according to our plan of the project. Our expectance is to complete this project as our design plan and we have completed it successfully.

THANKS A LOT MY DEAR TEACHER AND FELLOW STUDENTS .....