

1. Kirish asosiy tushunchalar va atamalar

Архитектуры информационных систем

LUG'ATGA ASOSAN:

Axborot tizimlari – Hujjatlar va ma'lumotlarni amaliy jihatdan EXMlar yordamida tahrirlash va kategoriyalash (hujjatlar massivini) hosil qilingan tizimi tushuniladi. Axborot tizimlari ma'lumotlarni ma'lumotlarni saqlash, ishlov berish, qidirish, tarqatish, taqsimlash, uzatish va ma'lumotlarni ko'rsatishga qaratilgan.

Axborot tizimlarining arxetekturasi- Axborot tizimining konsepsiyasi, modelini belgilash, struktura, bajaruvchi funksiyalarini belgilashda komponentlarni o'z-aro bog'lanishini belgilaydigan strukturalar tushuniladi

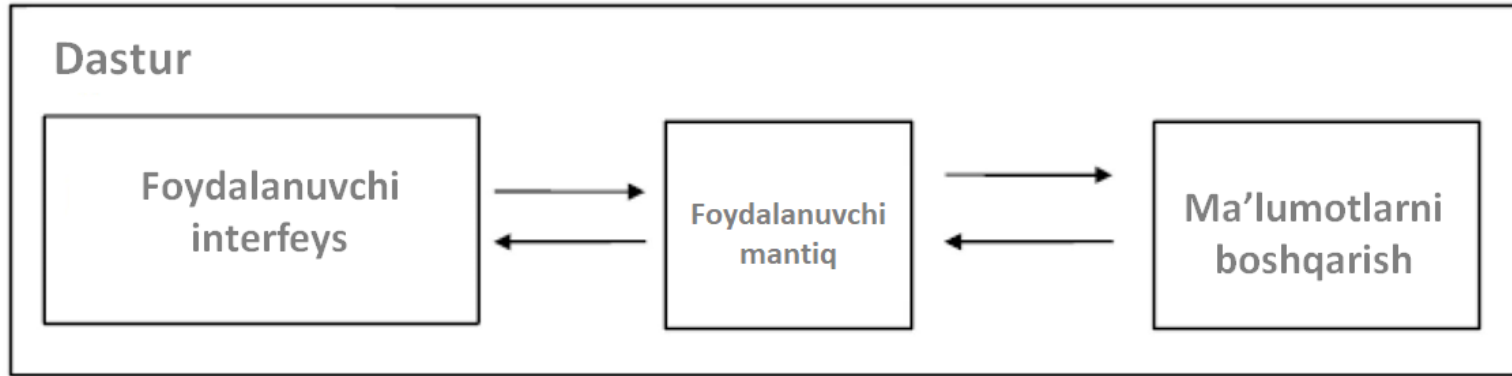
REDUKSIYA:

Axborot tizimi– ma'lumotlar bilan amaliy faoliyat olib boradigan dastur.

Axborot tizimlari arxetekturasi- dasturning ma'lumotlar bilan ishlash holatida qanday elementlar(qizimlar va bog'lanishlardan) iborat eknaligini bildiradi.

Tashkil etuvchi elementlar bu...(**elementlar, komponentlar**)

Alohida izolatsiya qilingan vazifalar va vazifalar to'plami tushuniladi



Rasm 1– Axborot tizimlari arxetekturasi

Axborot tizimi turi va komponentlar soniga asosan 3 qatlamdan iborat bo'ladi:

- *Foydalanuvchi interfeys* – barcha foydalanuvchiga aloqador bo'lgan tizim elementi: tugmalar bosilishi, sichqonchanning harakati, rasmlar chizish, natijalarni aks etish qidiruv jarayonlari.
- *Bizne mantiq* – qoidalar, foydalanuvchining harakatlariga asosan reksiya berish yoki ichki yuzaga keladigan holatlar, ma'lumotlarni taqsimlash.
- *Ma'lumotlardan foydalanish imkoniyatini yaratish qatlami* – Ma'lumotlarni: saqlash, tanlash, rivojlantish va o'chirish uchun qo'llaniladigan qatlamlar, amaliy vazifani bajarish uchun qaratilgan

Inbox - Microsoft Outlook

File Edit View Go Tools Actions Help

New Reply Reply to All Forward Send/Receive Search Address Books

Type a question for help

Mail

Favourite Folders

- Inbox
- Sent Items

Mail Folders

- All Mail Items
- Mailbox - Scott Bishop
 - Communication Histor
 - Deleted Items (11)
 - Drafts (0)
 - Inbox
 - Access Data Collect
 - Budget items
 - Newsletters
 - Personal
 - RSS Feeds
 - MSNBC (157)
 - Sales data
 - Team events
 - InfoPath Forms
 - Junk E-mail
 - Managed Folders
 - Outbox
 - Sent Items
 - Search Folders
 - Internet Calendars

Mail

Calendar

Contacts

Tasks

Inbox

Search Inbox

Arranged By: Date Newest on top

Today

- Michiel Wories
- Jessica Arnold
RE: Update on sales data?
- Mark Hassall 2:00 PM
marketing materials
- Ronan Kang 1:57 PM
team event
- Liz Keyser 1:03 PM
new color table
- Dennis Bye
Group meeting this week
- Josh Edwards
RE: meeting agenda
- Guy Gilbert 10:42 AM
RE: Please review budget
- Jeff Smith 9:11 AM
RE: meeting agenda
- Comelia Weiler 9:09 AM
Please review budget

Yesterday

- Bruke Fewel Thu 9:53 PM
Latest sales data
- Chris Gray
Website update
- Liz Keyser
RE: meeting agenda
- Mike Nash
meeting agenda

Wednesday

RE: Update on sales data?

Jessica Arnold

Sales items

Sent: Fri 2/16/2007 2:04 PM

To: Scott Bishop

Message | Salesdata.xls (43 KB)

Sure, no problem. I've attached the latest figures for you to review. Let me know if you have any questions.

Thanks,
Jessica

From: Scott Bishop
Sent: Friday, February 9, 2007 2:00 PM
To: Jessica Arnold
Subject: Update on sales data?

Hi Jessica,
Thanks for your presentation at our last team meeting. I remember you mentioned that you would have an update on the sales data this week so I wanted to follow up with you to see if you could you send it to me so I can share it with my team.

Thanks,
Scott

To-Do Bar

February 2007

S	M	T	W	T	F	S
20	29	30	31	1	2	3
4	5	6	7	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	1	2	3
4	5	6	7	8	9	10

Team budget meeting
2:00 PM - 3:00 PM

Finalize project details
4:00 PM - 5:00 PM
Conf Room 5; Don Hall

Dinner at the Arnold's house
6:00 PM - 8:00 PM

Arranged By: Due Date

Type a new task

Today

- review budg...
- call Janet for...
- pick up flow...

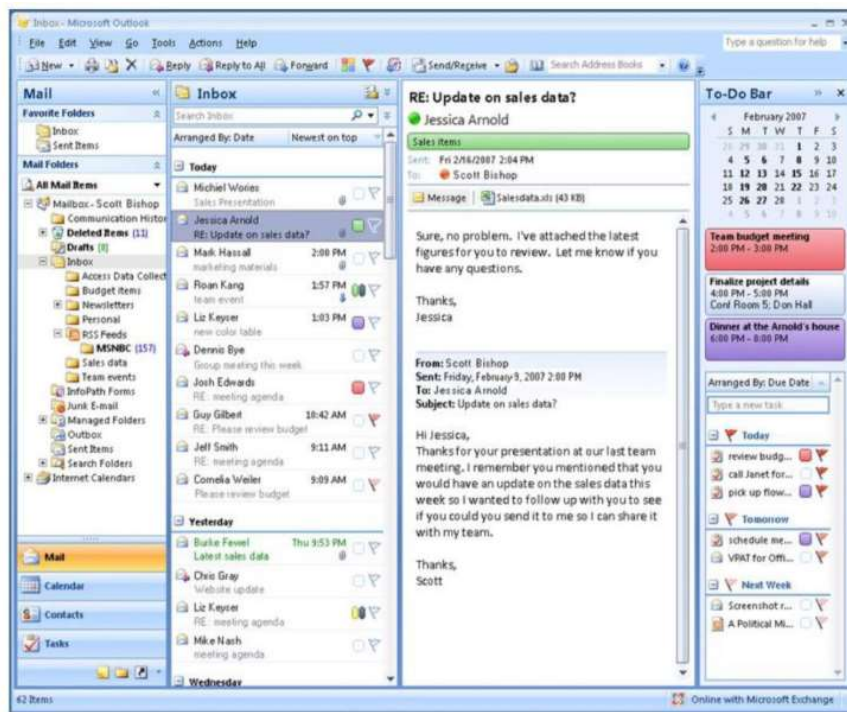
Tomorrow

- schedule me...
- VPAT for Off...

Next Week

- Screenshot r...
- A Political M...

Misol: *Microsoft Outlook*



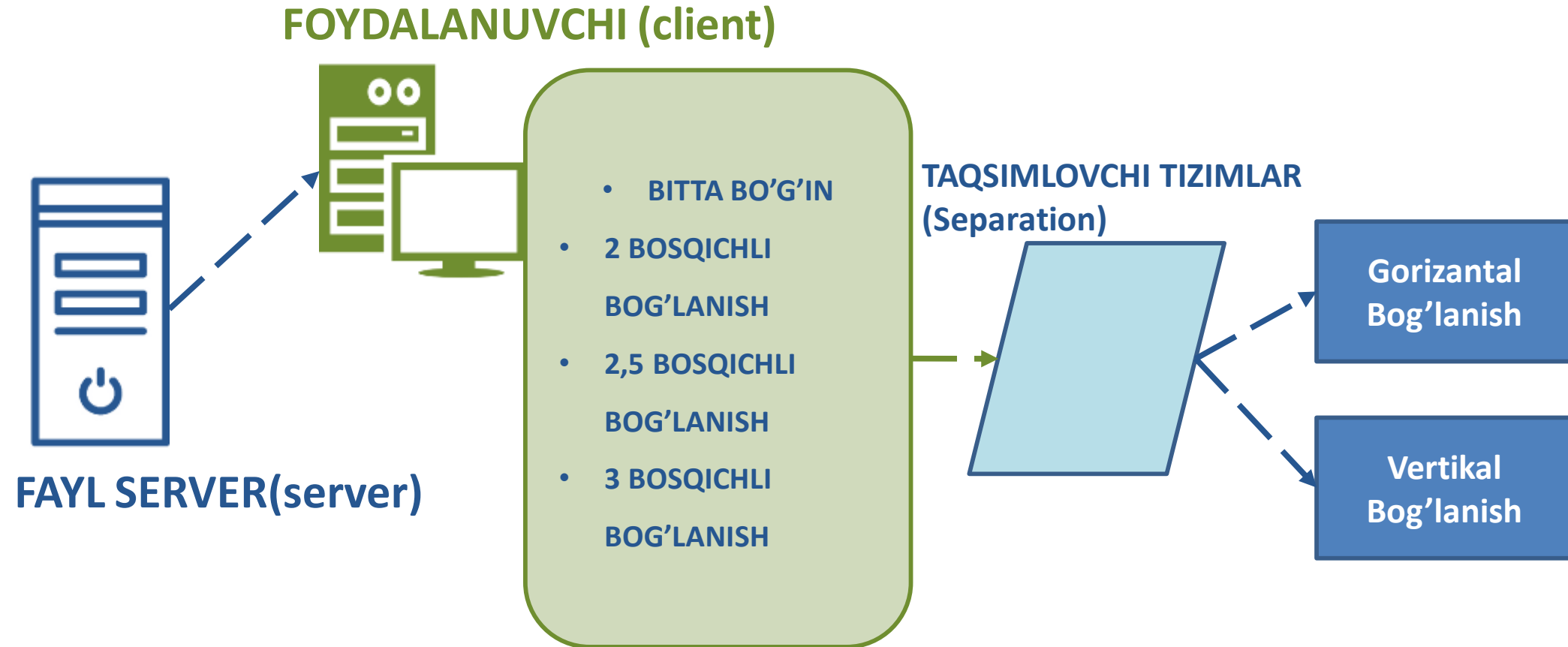
Rasm 2- Microsoft Outlook interfeysi

Foydalanuvchi interfeys - tugmalar, menyu, yozishmalar ro'yxati, kataloglar shajarasi(folders).

Biznes mantiq – xatlarni tahlil qilish qoidalari (Rules), elektron pochta xabarlarini qabul qilish va yuborish, yig'ilish xabarnomalari (Meetings), Tadbirlar(Events), jurnalashtirilgan amalar.

Ma'lumotlarni boshqarish - xatlarni, kontaktlarni, yig'ilishlar, tadbirlar to'g'risidagi ma'lumotlarni va boshqalarni saqlash.

Klassik Axborot arxetekturasi



Fayl-Server arxetekturasi

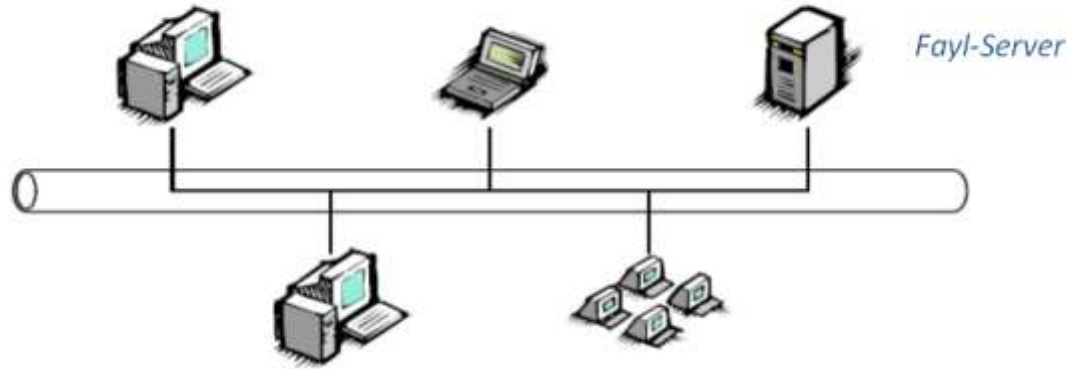


Рисунок 7 – Fayl-server arxetekturasi

Barcha umumiy fayllar maxsus kompyuterda - *fayl serverida* saqlanadi.

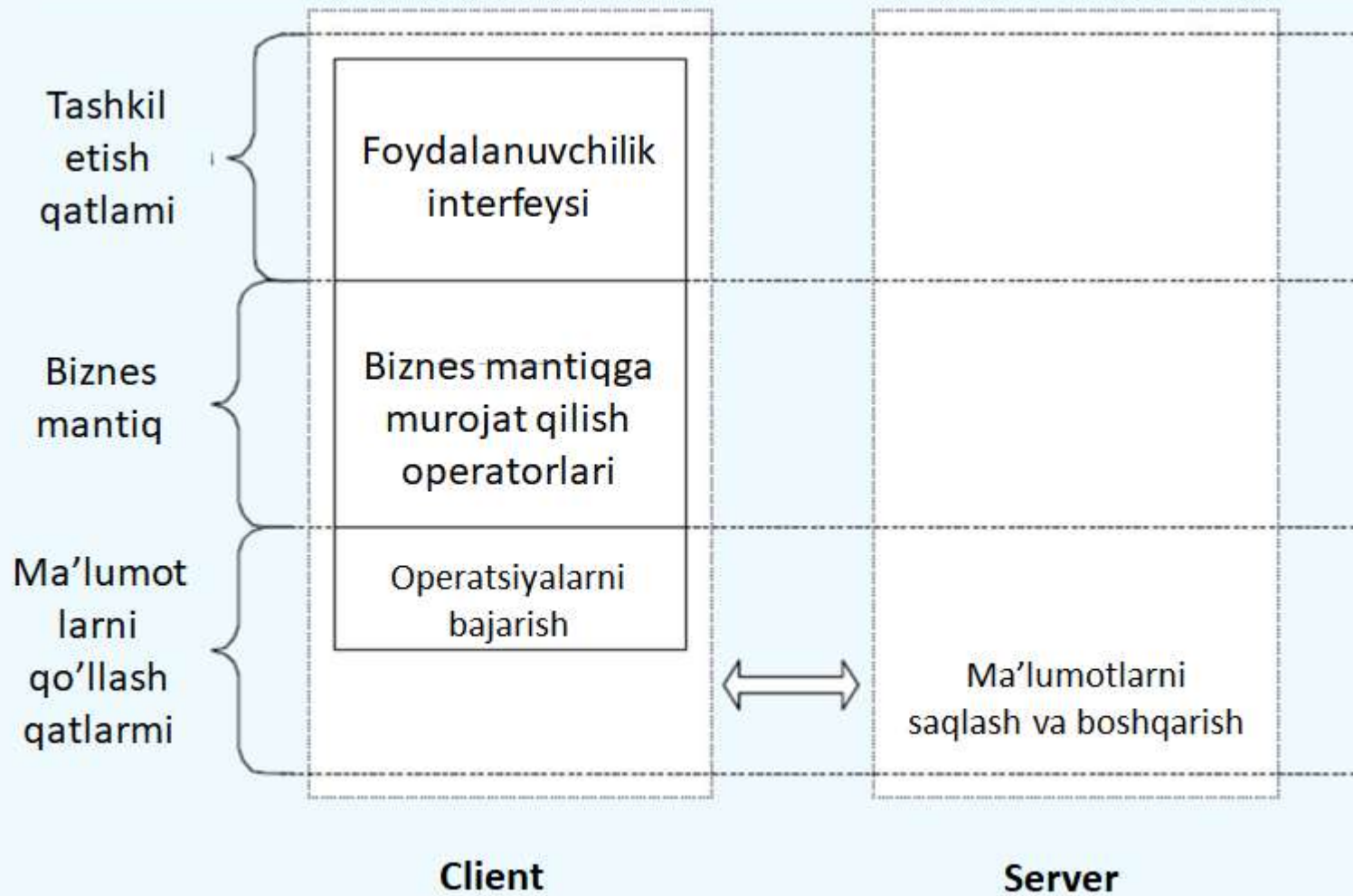
Fayl server ilovalari - dasturlar va ma'lumotlarni saqlash uchun tarmoq resursidan foydalanadigan ilovalar.

Server funksiyalari: saqlash

ma'lumotlar va dastur kodi.

Mijoz funksiyalari: ma'lumotlarni qayta ishlash.

Mijozlar soni o'nlab bilan cheklangan.



Rasm-6 Fayli server modeli