[Advantages And Disadvantages Of General Purpose Application Software](#)

RDBMS Concepts

1. *What is database?*

   A database is a logically coherent collection of data with some inherent meaning, representing some aspect of real world and which is designed, built and populated with data for a specific purpose.

2. *What is DBMS?*

   It is a collection of programs that enables user to create and maintain a database. In other words it is general-purpose software that provides the users with the processes of *defining*, *constructing* and *manipulating* the database for various applications.

3. *What is a Database system?*

   The database and DBMS software together is called as Database system.

4. *Advantages of DBMS?*
   - Redundancy is controlled.
   - Unauthorised access is restricted.
   - Providing multiple user interfaces.
   - Enforcing integrity constraints.
   - Providing backup and recovery.

5. *Disadvantage in File Processing System?*
   - Data redundancy & inconsistency.
   - Difficult in accessing data.
   - Data isolation.
   - Data integrity.
   - Concurrent access is not possible.
   - Security Problems.

6. *Describe the three levels of data abstraction?*

   The are three levels of abstraction:
   - *Physical level:* The lowest level of abstraction describes how data are stored.
   - *Logical level:* The next higher level of abstraction, describes what data are stored in database and what relationship among those data.
   - *View level:* The highest level of abstraction describes only part of entire database.

7. *Define the "integrity rules"*

   There are two Integrity rules.
   - *Entity Integrity:* States that "Primary key cannot have NULL value"
   - *Referential Integrity:* States that "Foreign Key can be either a NULL value or should be Primary Key value of other relation.

8. *What is extension and intension?*

   Extension -

   It is the number of tuples present in a table at any instance. This is time dependent.

   Intension -

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Custom software can be a viable solution if you chose the right kind of people who provide you with highly customized flexible solutions that are easy to use and maintain.. In fact, during the process of building custom software, you may find several opportunities to optimize your processes, which leads to higher productivity for your organization.. On the other hand, a ready built solution saves a lot of your time and initial investment.

1. advantages and disadvantages of general purpose application software
2. advantages and disadvantages of specific purpose application software

This will increase your productivity, which in turn makes it financially more rewarding in the long run.. A detailed ROI needs to be done to find out paying huge sums for custom software development which will pay for itself in few years vis--vis license fees during the same period and other costs involved in buying off-the-shelf software.. Return on Investment Custom software development may look like an expensive option at the beginning as a lot of investment is involved in software development but in the long run, they may get you higher returns.

advantages and disadvantages of general purpose application software

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Before you make a final decision, it is important to understand the advantages and disadvantages of each option in detail and cases where custom software may be better suited over off-the-shelf software and vice-versa.. Custom Software Development is a popular option for all such companies Tailor-made Solution When you purchase off the shelf solutions, they may or may not be built around your business goals.. On the other hand, readily built software packages also involve some cost At times you may need to purchase extra hardware, high-end servers (sometimes even with version updates) to run them effectively. Bga Instructors Manual For Structural Family Therapy

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 This includes complexities of your work, the size of your organization, your future plans for growth and of course the most important, financial viability of the solution.. Developing a software solution specifically for your company ensures that it is tailored to suit your needs. [Top Universal Air Remote Rm-1000b Manual](#)

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With custom software, chances on intrusion are considerably reduced as you use your own tool which is predominately used by your own team.. The additional cost that you need to bear every year is annual license fees Custom software is high on investment at the beginning but the costs become almost negligible in the long run.. There are several outsourcing partners who would be willing to analyse the complete set of processes followed within the organization to give you highly optimized solutions for automation.. You need to understand the advantages of custom software over readily built solutions and vice-versa, and evaluate all pros and cons to make a wise decision.. Both custom software development and off-the-shelf software require a considerable investment in terms of time and cost, and also affects your company for many years to come.. Hackers love the popular commercial off-the-shelf software (COTS) and are more likely to find ways through vulnerable portions of such tools to enter your systems.. There are various factors that can help you decide on the right option for your organization.. Sometimes, businesses need unique solutions to solve problems specific to their organizations. e828bfe731 [Windows Iso For Mac Bootcamp](#)

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