



# **SNS COLLEGE OF ENGINEERING**



**Kurumbapalayam(Po), Coimbatore – 641 107**

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**Approved by AICTE, Recognized by UGC & Affiliated to Anna University, Chennai**

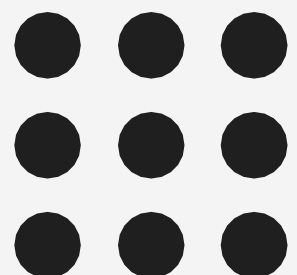
## **Department of Information Technology**

**Course Name – IT8075 Software Project Management**

**IV Year / VII Semester**

**Unit 4 – Project Management and Control**

**Topic 6 – Change Control**



**Change Control / IT8075 SPM / Sivagami  
R / IT/SNSCE**

# Change Control

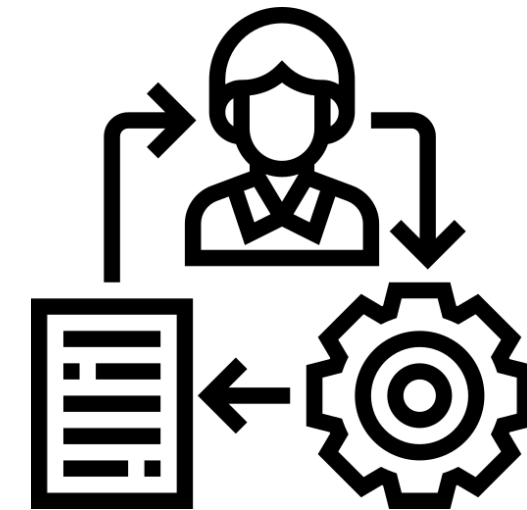
- Change control needed to track the changes made in project
- Some project involve simple changes where as other go to many version of changes.
- Baselined product are foundation for the development of the further products
- Any change to the baselined document have effects on other parts of project.



# Change Control

## Change control procedures

- One or more user perceive need for a modification to a system and ask for a change request to be passed to the development staff
- User management approves it, pass it to development management.
- Single authorized channel for request for change (RFC)
- One person from development team receive and process RFC.
- Report on practicality and cost of carrying out the change



# Change Control

- The development representative would report back to the user management on findings and user management decide to go ahead with change or not.
- Individual or group who represented the major stakeholders take the charge of prioritizing the RFCs for action.(Change Control Board).
- Once RFC are approved for action , one or more developers are authorized to take copies of the master products that are to be modified.



# Change Control

- Copies are modified.(modifying the code , recompiling and testing it)..

```
<script async src="http/pagead2.googleadsyndication.com/pagead/js/adsbygoogle.js"></script>
<!-- NEW ADD
<ins class="adsbygoogle"
  style="display:block"
  data-ad-client="ca-pub-000000000000"
  data-ad-slot="9997833362"|
  data-ad-format="auto"></ins>
</script>
(adsbygoogle = window.adsbygoogle || []).push({});
</script>
```

**BEFORE**

```
<script async src="pagead2.googleadsyndication.com/pagead/js/adsbygoogle.js"></script>
<!-- NEW ADD
<ins class="adsbygoogle"
  style="display:block"
  data-ad-client="ca-pub-000000000000"|
  data-ad-slot="
  data-ad-format="auto"></ins>
</script>
(adsbygoogle = window.adsbygoogle || []).push({});
</script>
```

**AFTER**

- When new version of product has been completed the user management is notified and copies of the software will be released for user acceptance testing.



User Acceptance Test



- Once user is satisfied with the product, they authorize for operational release. Master copies of configuration items are replaced.



# Change Control



Changes in scope of the system

- Size of the system gradually to increase in IS development project
- One cause is changes to requirements that are requested by users
- Sometimes called as scope creep
- Scope of the project is carefully monitored and controlled.
- Re-estimate the system size in terms of SLOC.



# Change Control



## Configuration Librarians Role

Control of changes and documentation is responsibility of

- Configuration librarians,
- Configuration managers
- Project librarian

## Duties of this person

- Identification of all items that are subject to change control
- Establishment and maintenance of central repository of the master copies of all project documentation and software projects
- Setting up and running of a formal set of procedures to deal with changes
- Maintenance of records of who has access to which library items



**THANK YOU**