Integration Testing:

* The purpose of integration testing is to expose faults in the interaction between integrated units.
* The integration testing is the process of testing the interfaces between two software units or modules

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| Integration Testing |

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| Interface |

It can be done in three ways:

* Big bang approach
* Top down approach
* Bottom down approach
* Big bang approach:

It is combining all the modules once and verifying the functionality after coemption of individual module testing.

Top down approach:

* In top down approach testing take place from top to down
* High level modules are tested and the low kevel modules and finally integrating the low-level modules to high level to ensure the system is working as intended

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| HL |

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| LL |

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| Stub |

* Stubs are used as a dummy module if a module is not ready for integration testing
* Modules are integrated by moving downwards through the control haircare beginning with main program.
* Top modules are tested with stubs.
* As new modules are integrated same subset of teste is re-run.

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| Login |

Top Down

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| Admin |

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| stub |

Bottom down approach:

* Here testing takes place from bottom to up.
* Lowest level modules are teste first and then high-level modules and finally integrating the high-level modules to low level to ensure the system is working as intended.

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| HL |

Drivers

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| LL |

* Drivers are used a temporary module for integration testing.

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| Stub |

* Drivers are replaced are at a time “depth-first”
* Worker module are grouped into clusters and integrated.

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| Login |

Ready to testing

Under development

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| Admin |

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| Drivers |