**DAILY ASSESSMENT FORMAT**

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| **Date:** | **03-06-2020** | **Name:** | **Kavya M M** |
| **Course:** | **Satellite photogrammetry and its applications** | **USN:** | **4al17ec040** |
| **Topic:** | **Photogrammetric products from satellite stereo images** | **Semester & Section:** | **6th & ‘A’** |
| **GitHub Repository:** | **Kavya\_ECE040** |  |  |

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| **SESSION DETAILS** |
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| **Feature based, matching:**  Feature based matching determines the correspondence between two image features  **Advantages and uses of digital orthophotos:**   * Product which can be readily interpreted like a photograph * Product on which true distance, angles, and areas can be measured and mapped—in a digital format     **Inputs for generating on orthophoto**  **The input data required for orthophoto generation using aerial photographs (Hardcopy/Digital)**:   * Focal length * Lens distortions * Fiducial control points * Digital elevation model   **Input data required for orthophoto generation using satellite images:**   * Digital elevation model * Ground control points * Satellite ephemeris (orbit, attitude information) * Radiometrically corrected geometrically uncorrected raw image data |