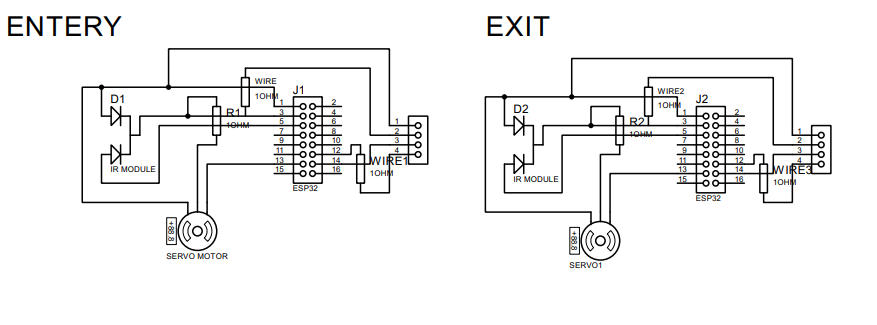
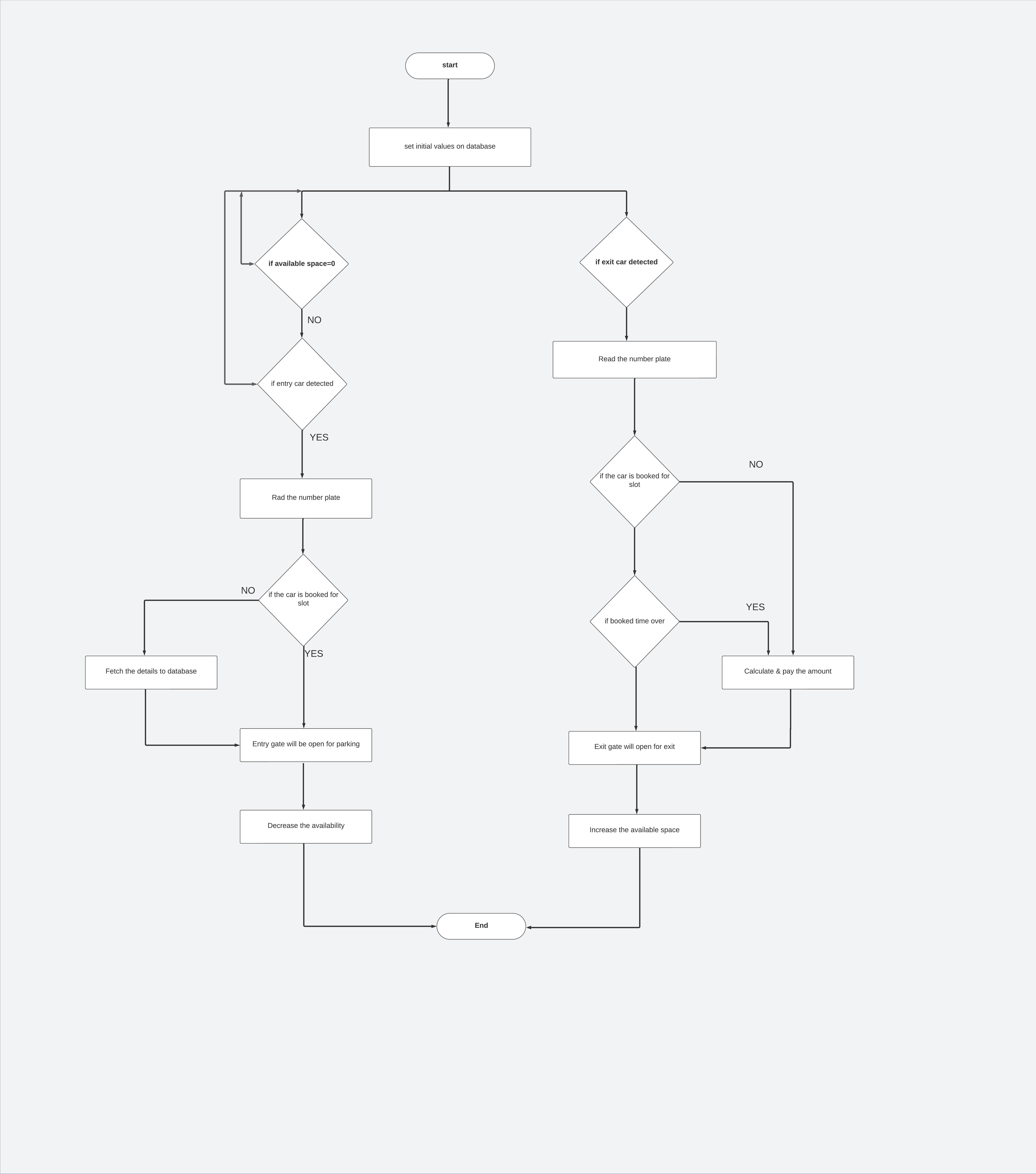
**BLOCK DIAGRAM**

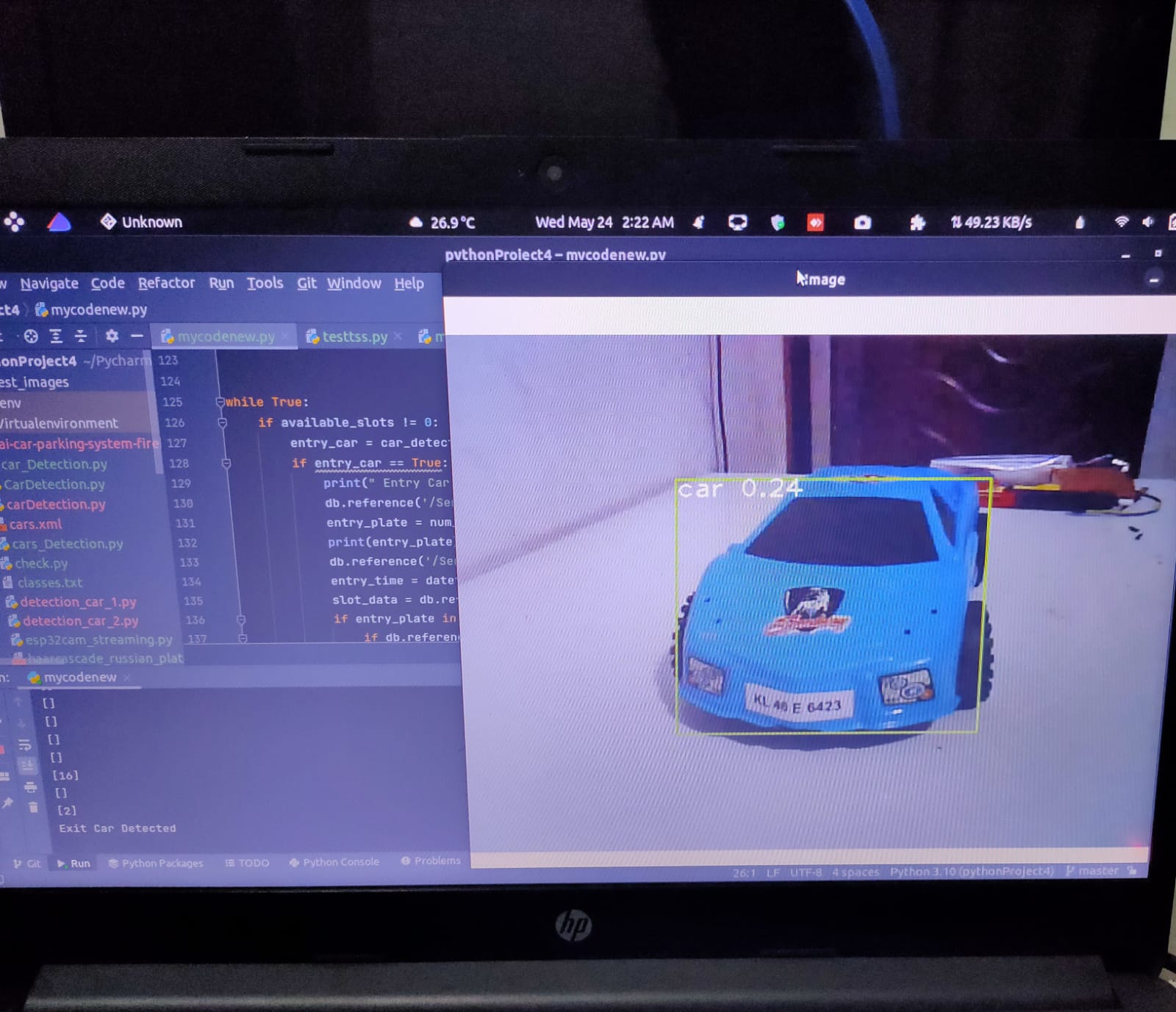
**CIRCUIT DIAGRAM**

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**FLOWCHART**

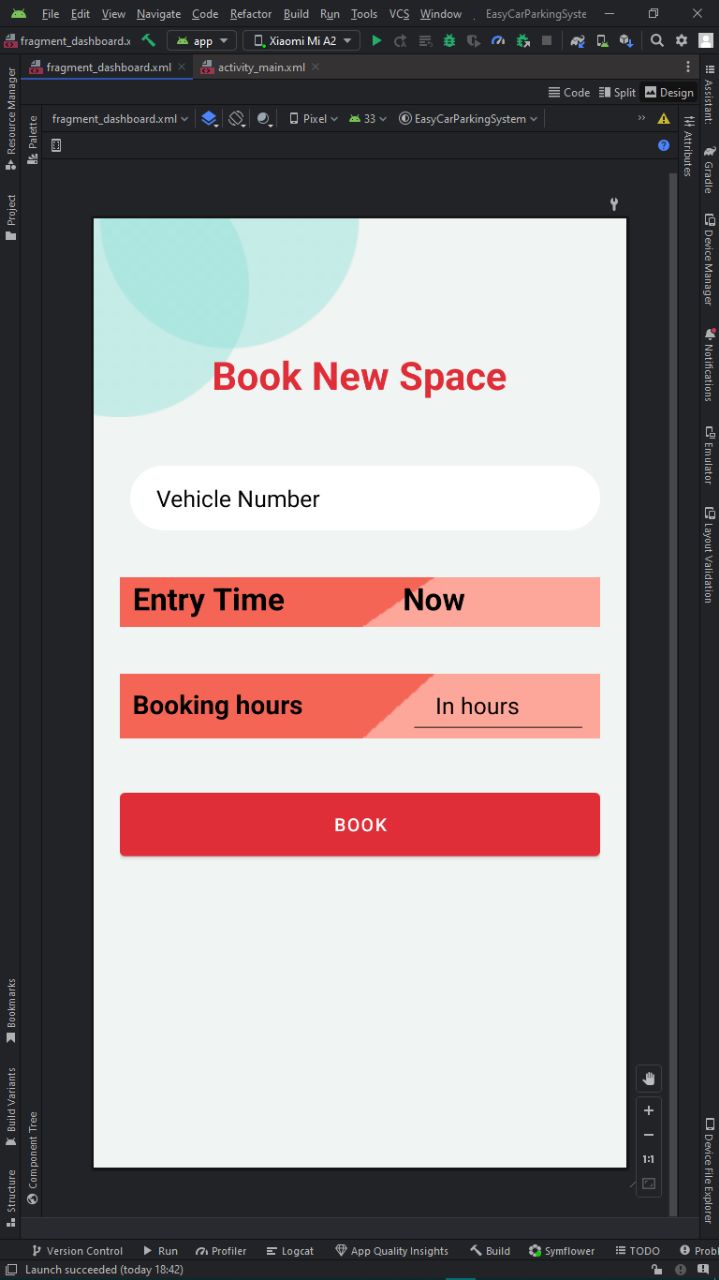
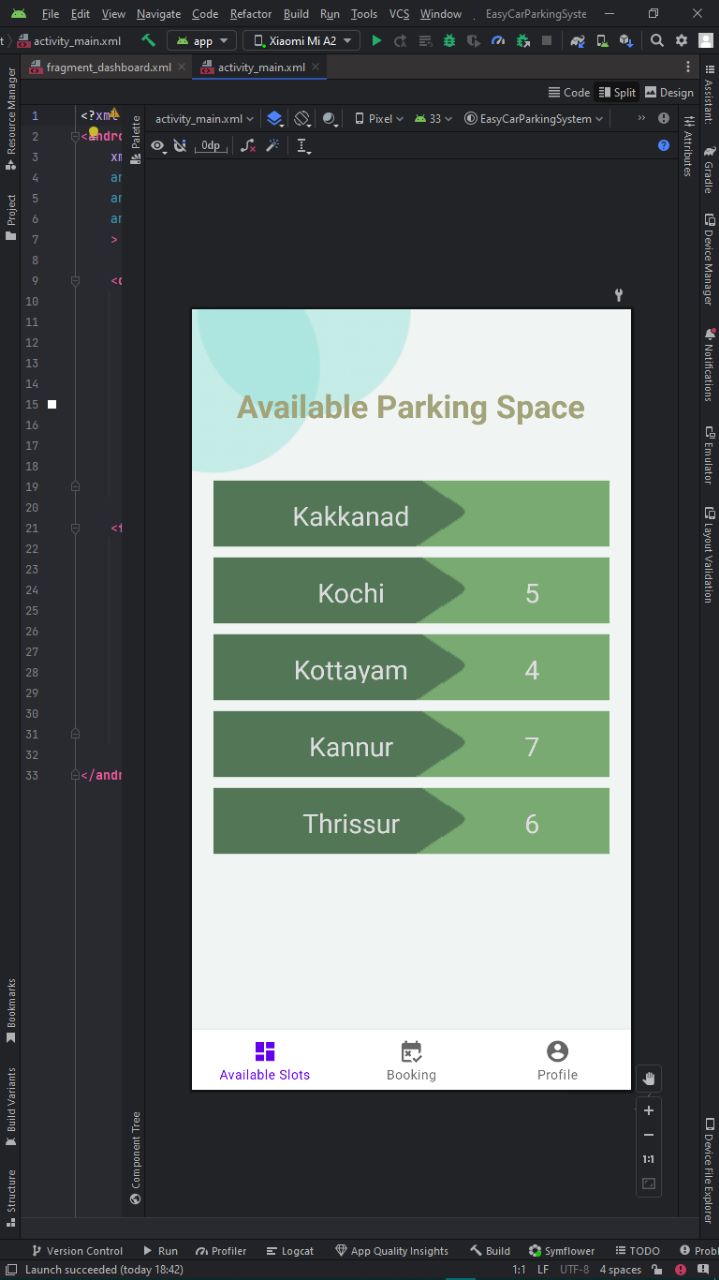
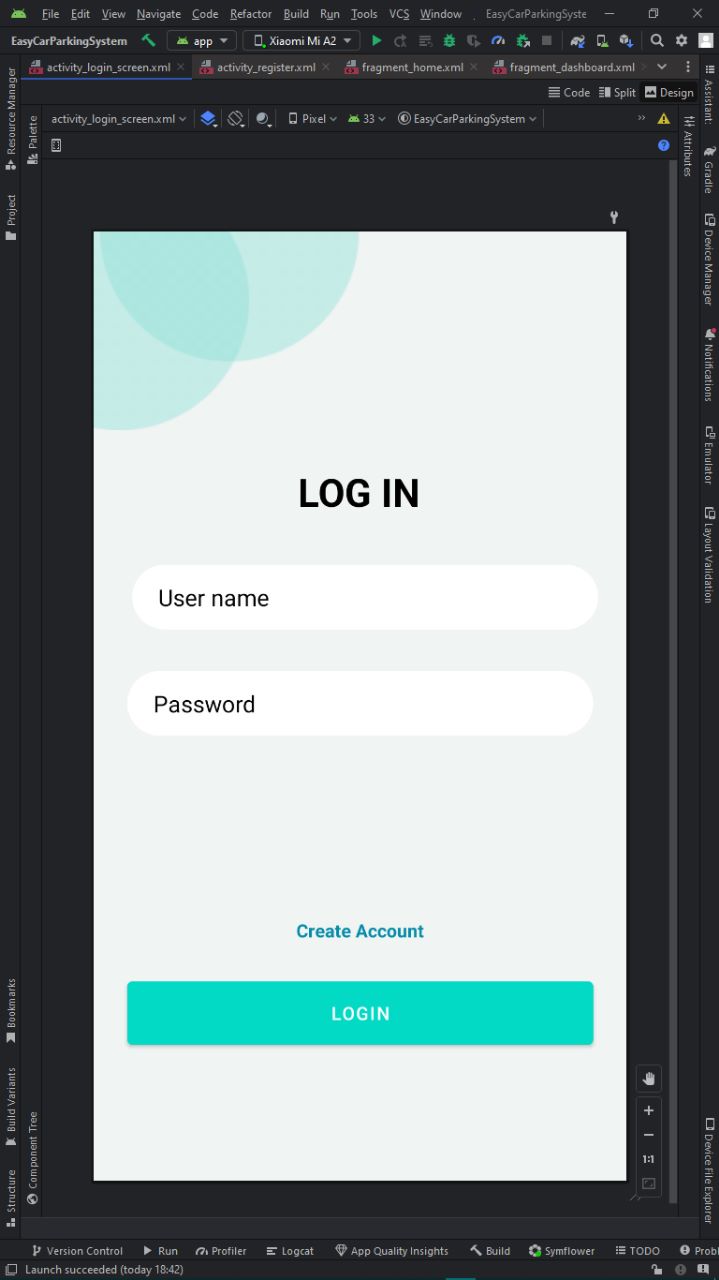
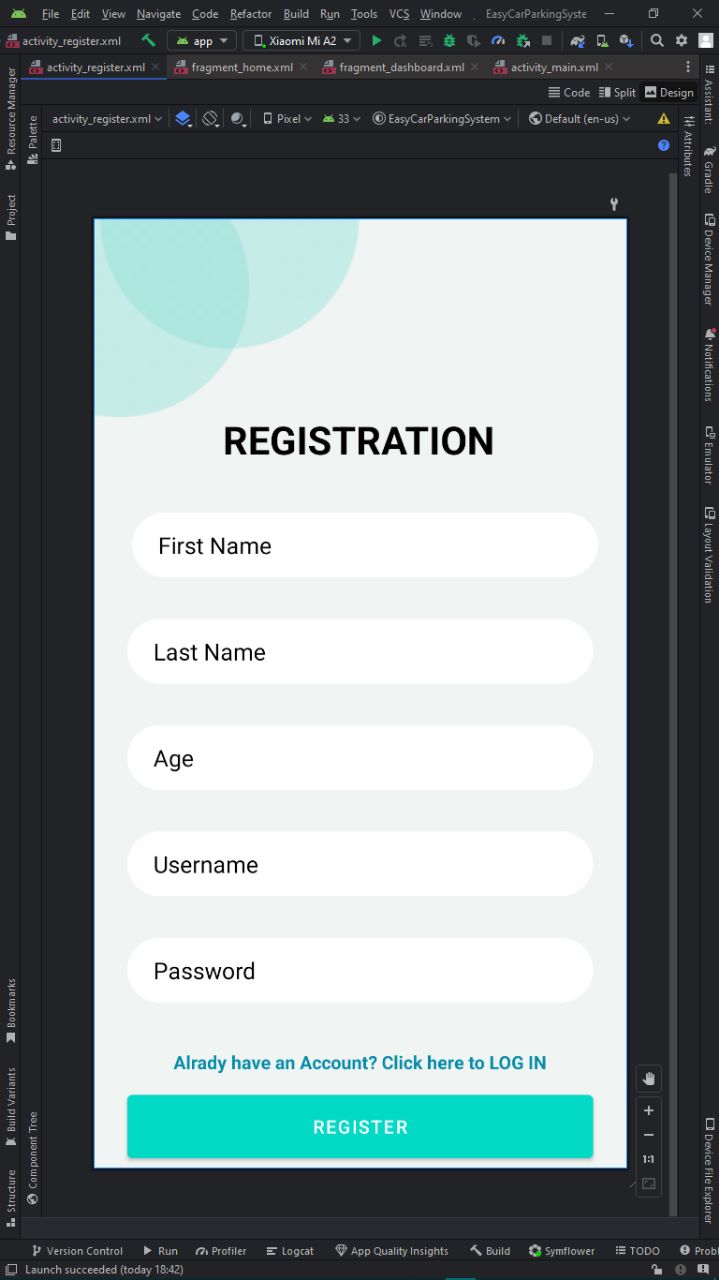
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**SIMULATION**

**HARDWARE**

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**SOFTWARE**

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