		Objectives		
		Incorporating Internal Resources (O1)	**Incorporating External Resources (O2)**	**Improving Robustness (O3)**
2 months	**Study**	• Vision-based GUI testing • Widget detection • Image classification • Image captioning	• LLM based GUI testing • Prompt engineering • Choosing suitable model and prompt pattern	• RL based GUI testing • Choosing suitable RL thechnique
4 months	**Exp.**	• Build widget labeler • Integrate with test migration evaluator framework • Reuse testcase of on mobile subjects	• Build LLM translator • Integrate with test migration evaluator framework • Reuse testcase of mobile app subjects	• Build RL Agent • Integrate with test migration evaluator framework • Reuse testcase of mobile app subjects
2 months	**Report**	• Workshop paper • Conference paper	• Workshop paper • Conference paper	• Tool/Demo paper • Journal paper
		Milestone 1: The Horus test reuse tool validated on mobile app subjects	**Milestone 2:** The Hermes test reuse tool validated on mobile app subjects	**Milestone 3:** The Athena test reuse tool validated on mobile app subjects