Requirement analysis elicitation

01.Requirement discovery

02.Requirement classification

03.Requirement prioritisation

04.Requirement specification

05.Engagement in challenges

Understanding requirement specification

Purpose requirement specification

Detailed specification prevents misinterpretation in development process

Reducing errors and scope creep

Clear requirements help in minimising errors and keeping project scope in check

Natural language sentences

Listening straightforward language ensures that requirements are easily understood

Advantages of simple descriptions

Simple description are adaptable widely used and enhance comprehension

System requirement specification overview

1.0 Structure of srs documents
2.0 Introduction section
3.0 Overall description details
4.0 Specific requirements
5.0 Guidelines for writing requirements
6.0 Importance of consistency
7.0 Avoiding ambiguity
8.0 Examples of srs templates
9.0 Hands on review activity

Effective requirement validation techniques

(UML)Unified modeling language

Have two parts ,

1.0 Structural diagrams

1.0 Composite Diagram
2.0 deployment
3.0 class diagram
4.0 package diagrams

Mokak hari structure ekak use karala hadana diagrams thamai Structural diagrams kiyanne

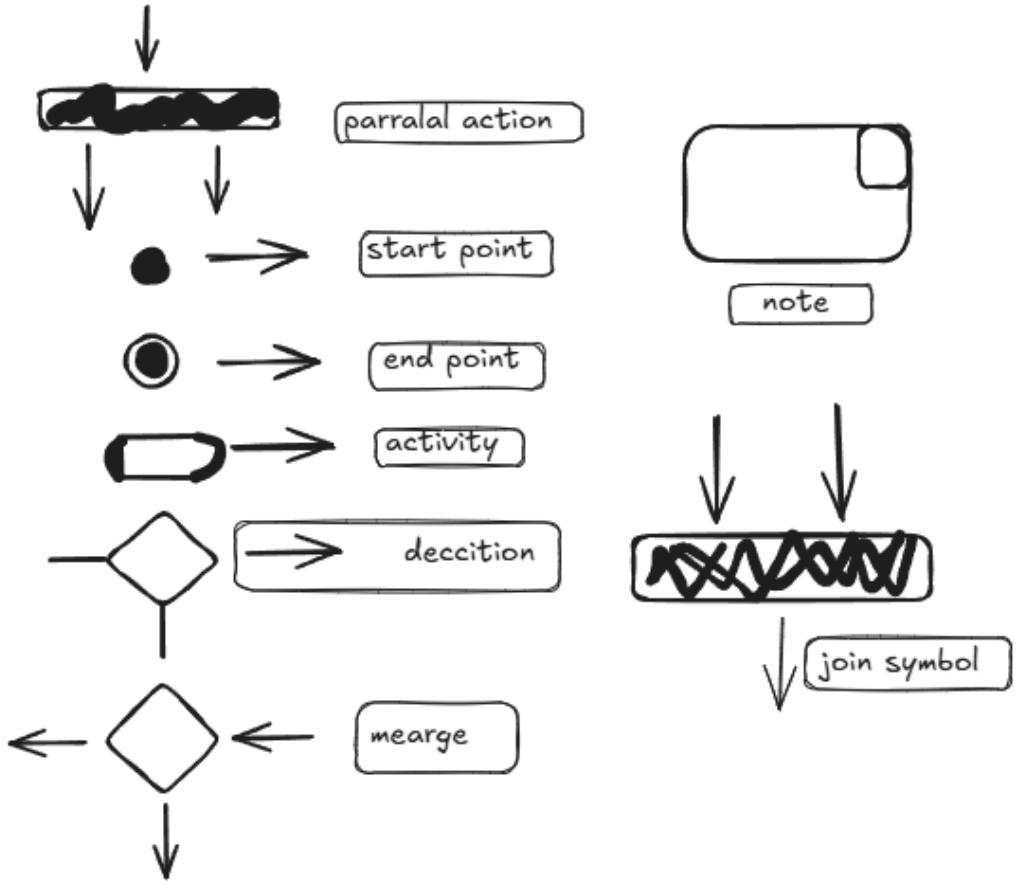
2.0 Behavior diagrams

1.0 use case
2.0 Activity

Mokak hari hasireemak gana adina diagrams thaml behaviour diagrams kiyanne

Activity diagrams

Activity diagrams walath standards thiyenawa e thamai start point ekai end point ekai



==========

Parallel eka kiyanne mokak hari wada ekak eka paara karaganna onenan thamai me parallel eka use karanne

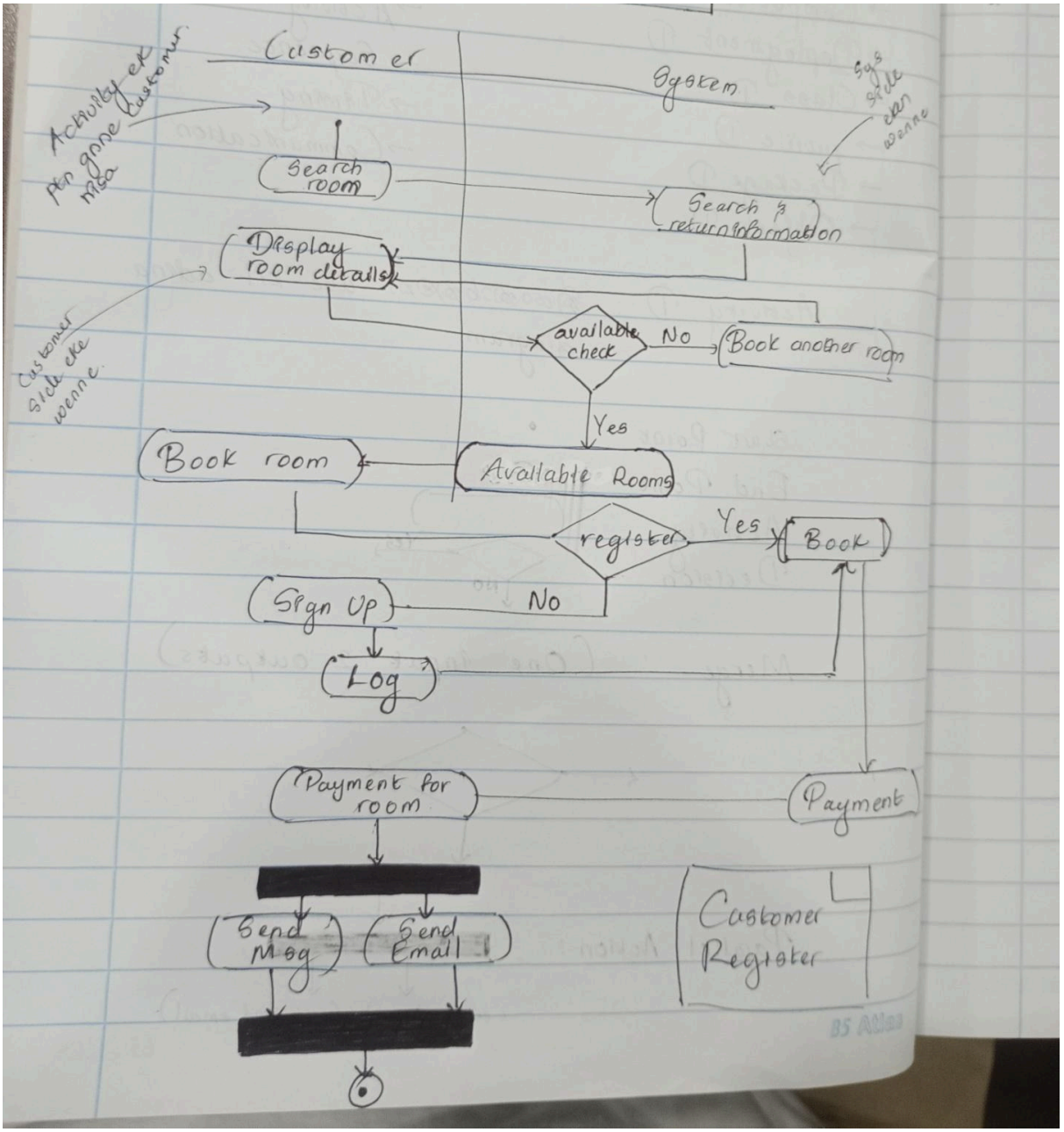
Join symbol eka kiyanne mokak hari parallel action dekak ekathu karala apahu thani output ekak ganna

Note eka kiyanne apita me diagram eka gana mokak hari note ekak danna onenan me note eka use karanawa hariyata nikan api use karala thiyena short form ekak wage deyak wisthara karanna onenan thamai me note eka use karanne

Start point eka kiyana thanin thamai diagram eka patan ganne

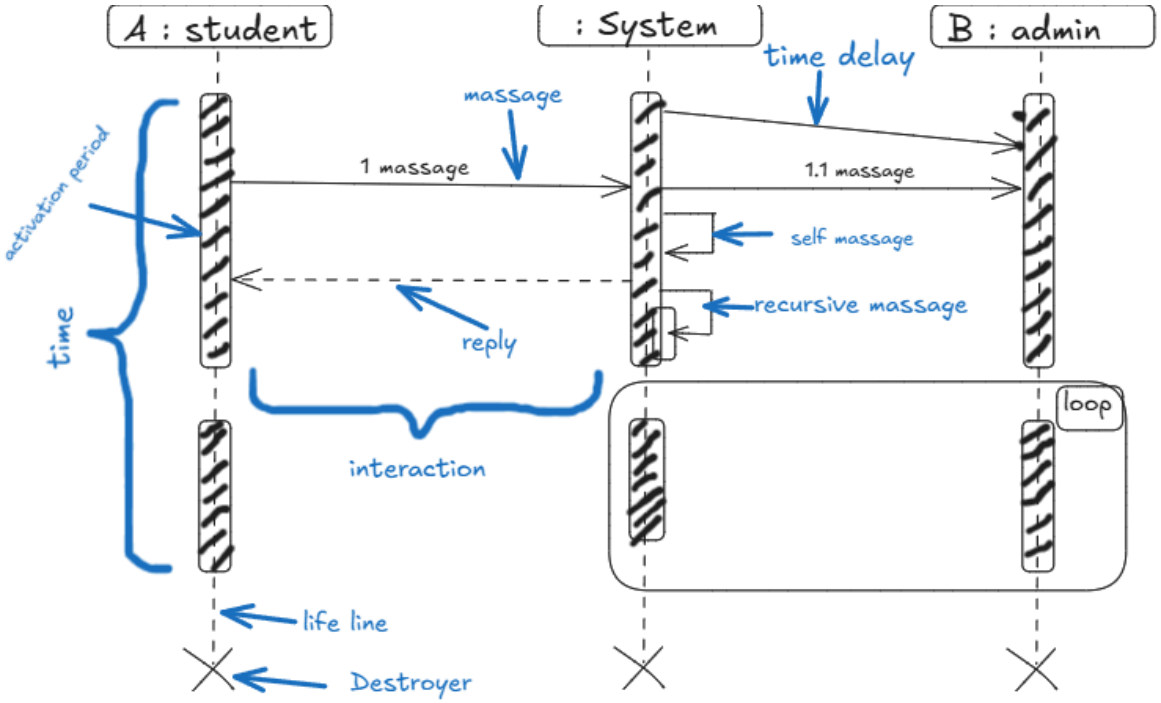
End point eka kiyana thanin thamai me diagram eka iwara wenne

Dan api gamu customer kenek hotel room ekak book karana scenario ekak api ekata activity diagram ekak adinnai yanne (meka okkoma wage components use arala hadapu complex ekak)mewa eka ekkena hithana widya anuwa wenas wenawa



Sequence Diagram

Meka apita echcharama wadak na nikan mathaka thiyagaththama athi meka tikak complex diagram ekak meeta wadaa godak dewal thiyenawa



DFD Diagram(Data Flow Diagram)

Logical ⇒ normal business process ekak denawa

Physical ⇒ mekedi hardware and software dekama ekathu wela wade wena widiya diagram ekakin pennana eka

DFD level 0

DFD level 1