Track your time per task as you work

Place a check mark next to the task when you’re done

✔

Do not wait until the end to log your time. We want accurate numbers

Meeting setup

Alex L (0.75 hours, 03/05/2019) - document step, meeting outline ✔

Assignment research, template setup, prep tasks

Alex L (0.75 hours, 03/04/2019) - document setup, guidance boxes ✔

Alex L (0.3 hours, 03/07/2019) - found github full example of a SDD ✔

Alex L (2.0 hours, 03/09/2019) - class diagram explanation, grey area documentation and python example sent to Anthony for Jeff and Felix -- in person meeting

Document Review before Turn In

SDD Work

[**ABSTRACT**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.4qtpzccd7j9d)[**6**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.4qtpzccd7j9d)

[**SECTION 1. OVERVIEW**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.ksk2dqcvgda)[**7**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.ksk2dqcvgda)

[1.1 Scope](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.lm30927p9bui) - AS [7](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.lm30927p9bui)

[1.2 Purpose](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.mox6dn4z2pb3) - AB [7](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.mox6dn4z2pb3)

[1.3 Intended Users](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.joj6wkqcu9vq) - AL [8](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.joj6wkqcu9vq)

[1.4 Conformance](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.dtnlktczq8ln) - JG [8](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.dtnlktczq8ln)

[1.5 Overview](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.ssfihx9st2pj) - JS [8](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.ssfihx9st2pj)

[**SECTION 2. REFERENCES**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.y1g4nvyybxv2)[**9**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.y1g4nvyybxv2)

[**SECTION 3. DEFINITIONS**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.lv3g1mrwfyyv)[**10**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.lv3g1mrwfyyv)

[**SECTION 4. CONCEPTUAL FRAMEWORK FOR SOFTWARE DESIGN DESCRIPTIONS**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.1ajy84cmbmwr)[**12**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.1ajy84cmbmwr)

[4.1 SOFTWARE DESIGN IN CONTEXT](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.ivtpb5yn579b) - TN [12](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.ivtpb5yn579b)

[4.2 SOFTWARE DESIGN DESCRIPTIONS WITHIN THE LIFE CYCLE](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.6rw74imscpzy) - AS [14](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.6rw74imscpzy)

[4.2.1 Influences on SDD Preparation](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.th5fkwqll6lo) [14](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.th5fkwqll6lo)

[4.2.2 SDD Influences on Software Life Cycle Products](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.4eomipm0fqub) [14](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.4eomipm0fqub)

[4.2.3 Design Verification and Design Role in Validation](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.3rrrq3luh9fs) [15](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.3rrrq3luh9fs)

[**SECTION 5. DESIGN DESCRIPTION INFORMATION CONTENT**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.by42auf9ixfm)[**16**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.by42auf9ixfm)

[5.1 Introduction](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.a9u0u3bva9lp) - AB [16](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.a9u0u3bva9lp)

[5.2 SDD Identification](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.a5d1g867sjhm) - AL [16](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.a5d1g867sjhm)

[5.3 DESIGN STAKEHOLDERS AND CONCERNS](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.6zaps5u5me1u) - JG [17](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.6zaps5u5me1u)

[5.4 DESIGN VIEWS](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.gff2vw1pwae1) - JS [17](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.gff2vw1pwae1)

[5.5 DESIGN VIEWPOINTS](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.8hwnzeh9y8w6) - TN [18](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.8hwnzeh9y8w6)

[5.6 DESIGN ELEMENTS](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.hx36du870osm) - AS [19](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.hx36du870osm)

[5.6.1 Design Entities](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.u8belzu80pt6) [19](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.u8belzu80pt6)

[5.6.2 Design Attributes](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.yz787rsldjt4) [19](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.yz787rsldjt4)

[5.6.3 Design Relationships](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.70s0tsyepkqd) [20](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.70s0tsyepkqd)

[5.6.4 Design Constraints](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.fnwko51gxu3g) [20](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.fnwko51gxu3g)

[5.7 DESIGN OVERLAYS](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.3h3sgvjyytcc) - AB [20](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.3h3sgvjyytcc)

[5.8 DESIGN RATIONALE](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.2i5af8tp60v1) - AL [21](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.2i5af8tp60v1)

[5.9 DESIGN LANGUAGES](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.9fnhu5j8yigy) - JG [22](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.9fnhu5j8yigy)

[**SECTION 6. DESIGN VIEWPOINTS**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.rhmu01cqyt1v)[**24**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.rhmu01cqyt1v)

[**6.1 INTRODUCTION**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.y93180ua4pq6) **\* - JS** [**24**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.y93180ua4pq6)

(internal due date 03-09-2019)

[6.2 COMPOSITION VIEWPOINT](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.lq3p39eiatrj) \* write description only no drawing\* - AB [26](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.lq3p39eiatrj)

(internal due date 03-08-2019)

[**6.3 LOGICAL VIEWPOINT // STATIC MODEL**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.ntr61179l4y4) **\* required - AL** [**27**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.ntr61179l4y4)

(internal due date 03-08-2019)

Alex L (0.1666 hours, 03/07/2019) - Class Diagram Session 1

Alex L (0.1666 hours, 03/07/2019) - Class Diagram Session 2

Alex L (0.25 hours, 03/09/2019) - Class Diagram Session 3 -- in person meeting

[6.4 DEPENDENCY VIEWPOINT](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.t7mt2qldouwz) - JG [27](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.t7mt2qldouwz)

(internal due date 03-09-2019)

[6.5 INFORMATION VIEWPOINT](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.u8019q83l56u) \* could be description if you want\* - JS [27](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.u8019q83l56u)

(internal due date 03-09-2019)

6.6 PATTERNS USE VIEWPOINT - AS

(internal due date 03-10-2019)

[6.7 INTERFACE VIEWPOINT](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.ix6qdmdh402c) \* description that ties back to methods in class diagram\*- TN [28](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.ix6qdmdh402c)

(internal due date 03-09-2019)

[6.8 STRUCTURE VIEWPOINT](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.x3cnawln8cmk) \* description that ties back to class diagram\* - AS [28](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.x3cnawln8cmk)

(internal due date 03-10-2019)

[**6.9 STATE DYNAMICS VIEWPOINT // DYNAMIC MODEL**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.wszr41hptoce) **\* required - AB / TN / AS** [**29**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.wszr41hptoce)

(internal due date 03-09-2019)

[6.10 ALGORITHM VIEWPOINT](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.h54hsn2r3tc7) \* describe the tool\* - AL [29](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.h54hsn2r3tc7)

(internal due date 03-09-2019)

[6.11 RESOURCE VIEWPOINT](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.s9zpuluwk9mu) - JS [30](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.s9zpuluwk9mu)

(internal due date 03-10-2019)

[**6.12 GUI VIEWPOINT**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.9wmzd9ja1xc2) **\* required - JG / AB** [**30**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.9wmzd9ja1xc2)

(internal due date 03-08-2019)

Alex B (0.5 hours, 03/08/2019)

[**6.1**](https://docs.google.com/document/d/10YZ4giNA3bKI7DbcpGqfm-EmAqHdgaT5oy2mgU5-C6c/edit#heading=h.9wmzd9ja1xc2)**3 DATABASE VIEWPOINT \* required - TN/AS**

(internal due date 03-09-2019)