



### Design Assumptions:

- Each boat has only one owner
- Each customer must have an email address, phone number, or both
- Each member of staff works at only one boatyard
- Each member of staff must have a work email, may or may not have a work phone number, and must have a home email address, phone number, or both
- Staff email addresses are in the format {first character of forename}{surname}@solentboats.com, e.g. Mia Thornton would have the email address 'mthornton@solentboats.com'
- Any email address may be up to 254 characters long, as this is the maximum length as per RFC 2821
- All staff and customers have an address in the UK, and as such postcodes are 9 characters long, and information about countries is not needed
- All boats either have an engine(s), or are sail boats, in which case engine capacity is set to null, count to 0 and fuel type to 'Sail'
- All boats with multiple engines have multiple identical engines
- Each boatyard has an address and it's own phone number
- As future services are stored, not all services have staff information associated with them
- As some managers do not hold another role, not all staff are involved in servicing boats